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Suppl. 62-57

# MANDA'S

III

## POCKET GARDEN DICTIONARY

AND

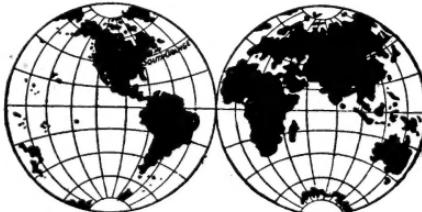
## CATALOGUE

OF EVERYTHING  
PERTAINING TO

## HORTICULTURE

1910

THE UNIVERSAL



HORTICULTURAL ESTABLISHMENT.

W. A. MANDA, Inc.

South Orange, New Jersey.

# TERMS UPON WHICH WE DO BUSINESS.



ALL correspondence pertaining to the business should be addressed to the firm and not to any of the employees.

**ALL ACCOUNTS ARE RENDERED MONTHLY.** Our patrons are requested to remit by Checks, Express or Post Office Money-Orders, or currency in Registered Letters. We will not be responsible for money sent in unregistered letters. From unknown correspondents either a remittance or reference is required with each order.

**WE SEND GOODS C. O. D.** when the order is accompanied by a remittance of at least 25 per cent. of its total value. This guarantees acceptance of goods upon arrival at destination.

**WE DO NOT GUARANTEE** delivery or safe carriage of goods. After the goods are delivered to the Transportation Company in good condition and received for by them, our responsibility ceases, as they are beyond our control, and become the property of the purchaser.

**PACKING.** All packing is charged for at cost.

**COMPLAINTS.** Any complaints arising should be made within 3 days after receipt of the goods, otherwise they cannot be considered.

**EARLY ORDERS.** Orders are solicited at as early a date as possible, that we may have ample time for their execution. Please write plainly name, post office, express office and any other necessary information as to the best method of forwarding; express is recommended.

**NON-WARRANTY.** Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather and soil conditions, too deep or too shallow planting, etc., which render it impossible for us to guarantee success. Although we take all possible care to supply only such stock as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop or results, also if stock is exhausted when orders are filled, and every order will be accepted on these conditions only.

**ORDERS** placed and accepted cannot be cancelled except with our consent.

# INTRODUCTION.

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*To Patrons and Horticultural Friends:*

**I**T is with pleasure that we present you with our New Catalogue of 1910, same being our **sixteenth anniversary** since starting the Universal Horticultural Establishment at South Orange, N. J., which has been developed from a wilderness to the most complete Nursery in America in that space of time. It now consists of thirty-one greenhouses, containing the largest and most varied collection of

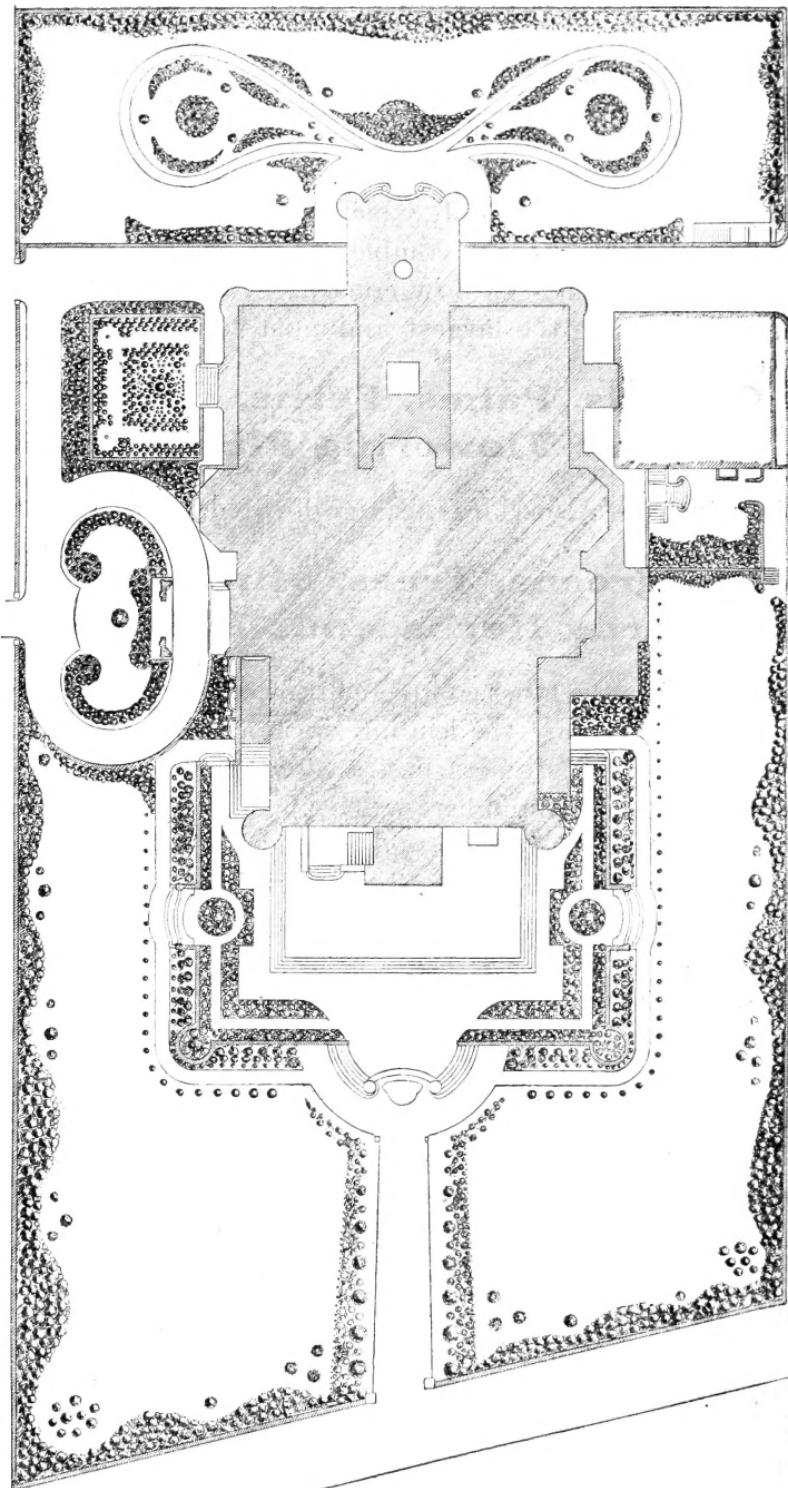
## **Orchids, Palms, Ferns, Foliage and Flowering Plants**

in the country. Also a large acreage devoted to the culture of

## **Evergreens, Trees, Shrubs and Hardy Herbaceous Plants**

admitted to be the most complete in the country. This catalogue contains only the leading varieties in stock of each special branch. Customers desiring **complete lists** of any class of plants not found here will be furnished with same on application. *The Novelties* and Specialties will be found in a separate pamphlet, where all the meritorious varieties are listed. While we draw your attention to all the different branches of our establishment, we especially desire you to read our notes on **Landscape Gardening**, and adopt our recommendation if you desire beautiful surroundings of your home. **Visitors** are always welcome at our Nurseries, so that they can see for themselves the great variety, quantity and quality of the stock, as it is impossible to convey an adequate idea, even in this comprehensive catalogue.

The Nurseries are situated on the D., L. & W. R.R., adjoining the depot of South Orange. There are 83 trains daily, so visitors will only have a few minutes to wait, trains being so frequent. There are also electric cars from Newark to South Orange Depot, connecting with the Penn. R.R. and Jersey Central R.R. every ten minutes. Also from Orange to South Orange, connecting with the Erie R.R. Taking it all in all, it is the most accessible nursery in the country.



## Landscape Gardening.

**T**HIS is a very important subject, and one that should not be neglected or overlooked, especially when building up a new place.

It means that, with a **good plan**, you can lay out your place to all the advantages it commands naturally, besides making the developing features where the location is disadvantageous. **The roads** and **walks** should be laid out, not only to be practical, but also to be in harmony with everything adjacent.

**The proper location of trees** and **shrubs**, and the selection of the most desirable kinds, are very important, for you are planting for the future, and as it takes years for a shrub or tree to grow, you should plant only such as would be desirable and valuable when grown up. The same applies to the location of vegetable, flower, fruit, rock, or wild garden borders or flower beds.

**The grouping** or **massing** of either trees, shrubs, plants, or bulbs, to produce certain effects at special seasons, either in foliage, flower, or fruit, can only be successfully accomplished by having full knowledge of the habits and character of such plants.

**Many unsightly corners** and **spaces** could be not only hidden, but actually made beautiful. Thus, outside the general flower garden, barren rocks and stumps of trees can be covered with luxuriant growth.

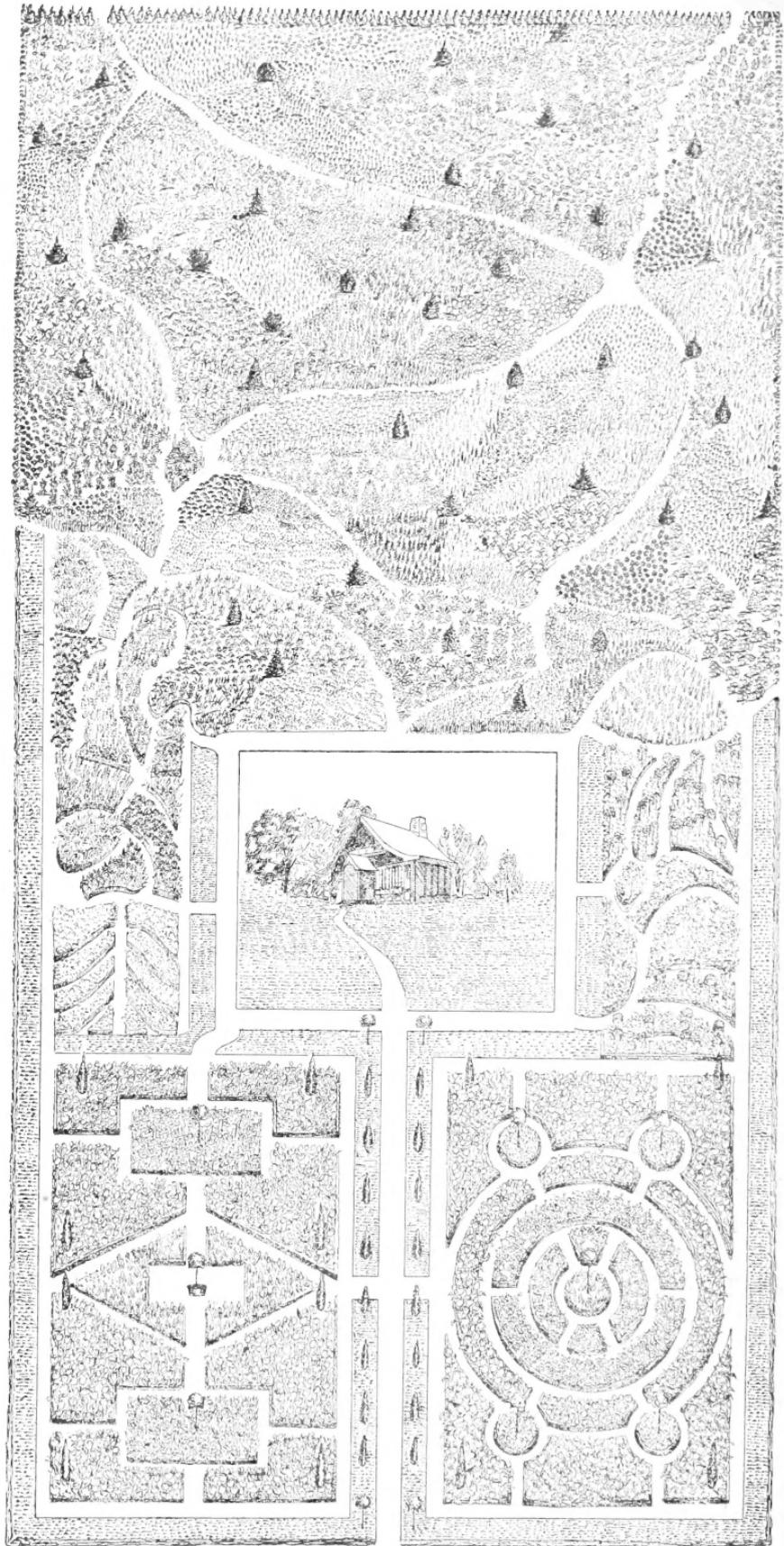
**Dry** and **sandy hills**, where even grass refuses to grow, with proper selection can be made as beautiful as where the soil is rich, while marshes can be turned into handsome objects, and ponds covered with showy water plants. In one word, it is the knowledge of the habits of plants and their adaptability to certain locations that brings the desired success.

**Location** and **designing greenhouses, graperies, pits** or **frames** on a place are also very important; so are the proper details in the construction of greenhouses, which are generally left to architects, who do not take into consideration the practical points of the greenhouse or conservatory.

**Do not lay out your place without a landscape gardener**, any more than you would build a house without an architect; and you cannot do better than consult

Yours truly,





 N the preceding pages we illustrate two plans, one showing the ornamentation of the immediate surroundings of a large mansion, where the design as well as the class of plants selected is to harmonize with the architecture.

The other shows three different styles of Landscape Architecture, viz.: ***The Formal Garden***, so popular at the present time, ***The Old-Fashioned Garden***, with its informal beds of old time favorite flowers, and the ***Wild Garden***, where, after the roads and paths are made, the ***Landscape Gardener***, with his experience, assists nature in perfecting a pleasing and natural effect.

***The Landscape Architect*** should be consulted regarding the proper site for the house, roads, etc., as they should be finished before the grading, thus avoiding unnecessary labor and cost.

As we combine both ***theoretical*** and ***practical knowledge***, our patrons will find it greatly to their advantage to place the improvement of their grounds in our hands, as they will profit by our large experience in the economical and practical treatment of the work.

Next to the plants the most important thing is the ***specifications***, that is, the selection of the kind of stock to be used for the ornamentation of same, and it is especially here where the value of a practical landscape gardener is felt. While a good many people without practical knowledge can draw acceptable plans, yet it is only the practical man that can make the selection of the stock, knowing its habit, its ultimate height and development, also the adaptability of the soil, climate, etc., as no two places can be treated alike.

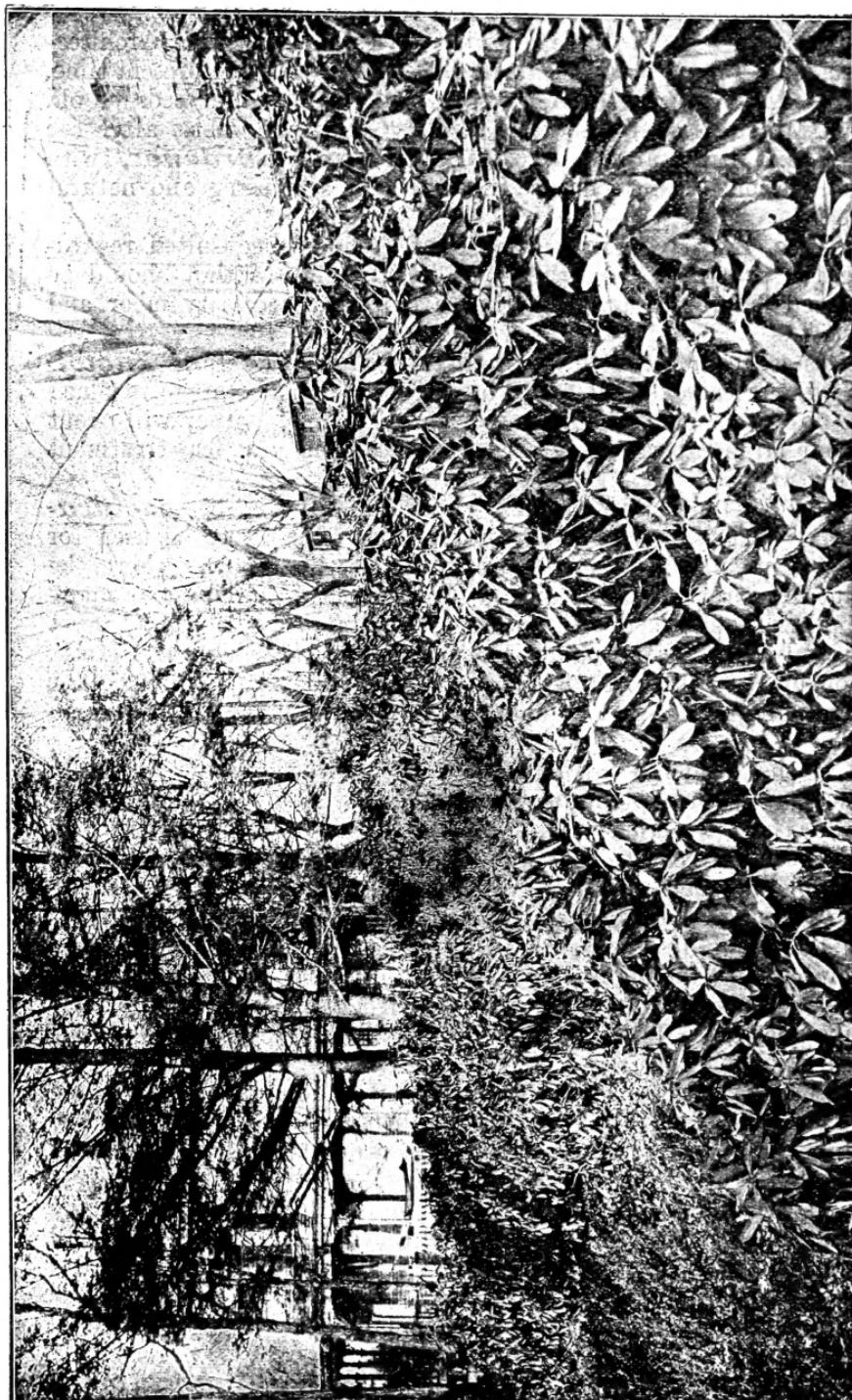
If the residence is intended to be occupied during a certain season, then such plants as predominate at that season should be used. If, on the other hand, the house is an all-year residence, then the effect and plants that are used should be such as to give a continued attractiveness all through the season.

***We make a specialty and carry in stock*** all plants for this kind of work, and being practical men, thoroughly acquainted with the habits, height, color, different growths and flowering periods of these plants, we are in a position to intelligently make plantings where an immediate effect is produced and the future not marred.

There is nothing more unsightly than a mass of planting done haphazard, where, instead of a plant being placed in a position to help or harmonize with others, they are jammed together irrespective of their growth, color, or height.

We would be pleased to hear from parties contemplating any improvements on their places, be they new or old, and will ***furnish advice, submit plans and specifications*** for same, carrying out and completing the work in a satisfactory manner, thus avoiding costly and irreparable mistakes that would be committed without proper advice.

***We recommend*** first class ***Gardeners or Superintendents*** to take charge of your grounds and ***greenhouses***, practical and trustworthy men that we know personally; if in need of any, write us with particulars.



BANK OF RHODODENDRON MAXIMUM (at South Orange). For description see opposite, page 7.

## PLANTS OF SPECIAL MERIT FOR EVERGREEN LANDSCAPE EFFECT.

Following our suggestions on the former pages we here submit a few plants of extraordinary merit, especially where evergreen effects are desired, not only for producing solid masses, but also as a substitute for grass, that is, low plants which flourish well under trying conditions where grass will not grow, forming an evergreen carpet supplemented in the spring and summer months with solid masses of flowers.

### RHODODENDRON MAXIMUM.

For large massing where a broad, bold foliage effect is desired this shrub has no superior. Its perfect hardiness in any climate and under any conditions, thriving well in the full sun as well as in the densest shade underneath trees, evergreen, or deciduous, coupled with its comparatively low cost, being obtainable in large sizes from three to six feet in height and diameter, gives an opportunity to produce at the planting an immediate effect which otherwise would take years to accomplish with small sized plants. Our stock of this plant is admitted to be the best in the country, growing isolated in the full sun. The plants are very bushy, well set in bud, and lift with a fine mass of roots, and, being handled by experienced men in lifting and packing, always insure good results. We would be pleased to quote prices in any quantity or size of plants. Special price of assorted sizes in carload lots.

### RHODODENDRON CATAWBIENSE.

With similar qualities and recommendations of the above, but having the advantage of larger and brighter colored flowers which are produced a month earlier than the Maximum. We can also supply fine specimens of this valuable plant from three to six feet in height. Prices and particulars given on application.

### KALMIA LATIFOLIA.

Another garden plant, for similar purposes as the Rhododendrons, with smaller foliage and having large clusters of showy flowers varying from pure white to deep rose color, lasting a long time in perfection. Our stock of this consists of fine shaped bushy plants, from one to five feet in height and diameter, which we would be pleased to supply from 50c. to \$5.00 each. Special price in carload lots.

### ANDROMEDA CATESBAEII.

For fronting of Rhododendron beds or for planting under trees in dense shade this plant has no equal. It grows from two to three feet high, with long arching branches clothed with lanceolate glossy green leaves changing in the autumn to bronzy crimson, while in the spring from each axil of the leaf hang drooping spikes of white flowers resembling Lily of the Valley. Strong plants, 35c. to 75c. each. Special price in large quantities.

### AZALEA AMOENA.

A fine plant for finishing groups of Rhododendrons or beds of other evergreen foliage. Its growth is dwarf and dense, well furnished with small, oblong foliage, which changes to a bronze crimson color in the autumn, while in spring the whole plant is covered with a mass of crimson flowers. Price, according to size, from 50c. to \$3.00 each.

### BUXUS (Boxwood).

This old-fashioned plant has become such a favorite recently that it demands our special notice. It is, however, too well known to need any description. The small, dwarf box is used for edging in old-fashioned formal and Italian gardens, while large plants, sometimes a hundred years old, are used as isolated specimens, or for topiary affects, as they can be trained or trimmed into any shape desired. We have an enormous stock of plants, varying in size from 3 inches to 12 feet. Prices on application.



**MASS OF DIANTHUS PLUMARIUS PLENUS (Scotch Pinks)**  
For description see page 11.



**PACHYSANDRA TERMINALIS.**

The best Evergreen ground cover. For description see opposite, page 9.

**ABIES CANADENSIS (Hemlock).**

In singling out this variety among hundreds of others in stock, we do so on account of the extraordinary merit and the many different uses it can be put to, as well as the beauty of the plant. Naturally of lofty habit, it can be trained and kept to any size or shape. This variety can stand more shade than any other conifer. The growth is compact, with light, graceful drooping branches and delicate bright green foliage, which renders it most useful as a specimen tree for massing, banking, screens, or hedging, either high or low, as by proper pruning this plant can be kept to any height, rendering it valuable for formal or topiary effects.

Price: 2 to 3 ft., 45c.; 3 to 4 ft., 75c.; 4 to 5 ft., \$1.00; 5 to 6 ft., \$1.75; 6 to 7 ft., \$3.75; 7 to 8 ft., \$7.50.

**JUNIPERUS COMMUNIS.**

For planting on dry, hilly grounds, especially where the soil is poor and rocky, this plant finds its congenial home. The plant is of low and spreading habit, growing from one to three feet in height and forming masses of bluish green foliage. This plant is perfectly hardy and well adapted for seashore planting. Fine stock, from 45c. to \$1.00 each.

**TAXUS CANADENSIS (American Yew, or Ground Hemlock).**

Opposite in every instance to the uses to which the Juniper is adapted. This plant thrives in dense shade and wet ground. The habit is prostrate, covering the ground with running branches, covered with glossy, deep green foliage and bright globular red berries. Nice, strong plants, 75c. to \$1.00 each.

**YUCCA FILAMENTOSA MAXIMA.**

A greatly improved form of the common type. The foliage is twice as long as the ordinary variety, of a beautiful, glaucous green color. When flowering it throws a branched stem seven to eight feet high, bearing hundreds of large, white, bell shaped lily-like flowers. This plant is especially adapted for sandy, rocky, or poor ground, forming masses of evergreen sub-tropical foliage and masses of flowers. Fine, strong plants, 35c. each; \$3.50 per doz.; \$25.00 per 100.

**PACHYSANDRA TERMINALIS.**

Ten years' experimenting with this plant has convinced us that it is the finest evergreen ground cover in existence. Thriving in the densest of shade, in any soil or situation, and quickly covering the ground with a uniform close growth. The lustrous bright green leaves are arranged in a whorl or rosette on stems four to six inches high. This plant stands the most rigorous winter and the quick changes of our climate without the slightest damage to its bright-green foliage, which retains its perfection and brilliancy all the year round, and not subject to injury from any insect. The finest substitute for lawns, covering shaded places where grass refuses to grow. Nice plants, 25c. each; \$2.50 per doz.; \$15.00 per 100.

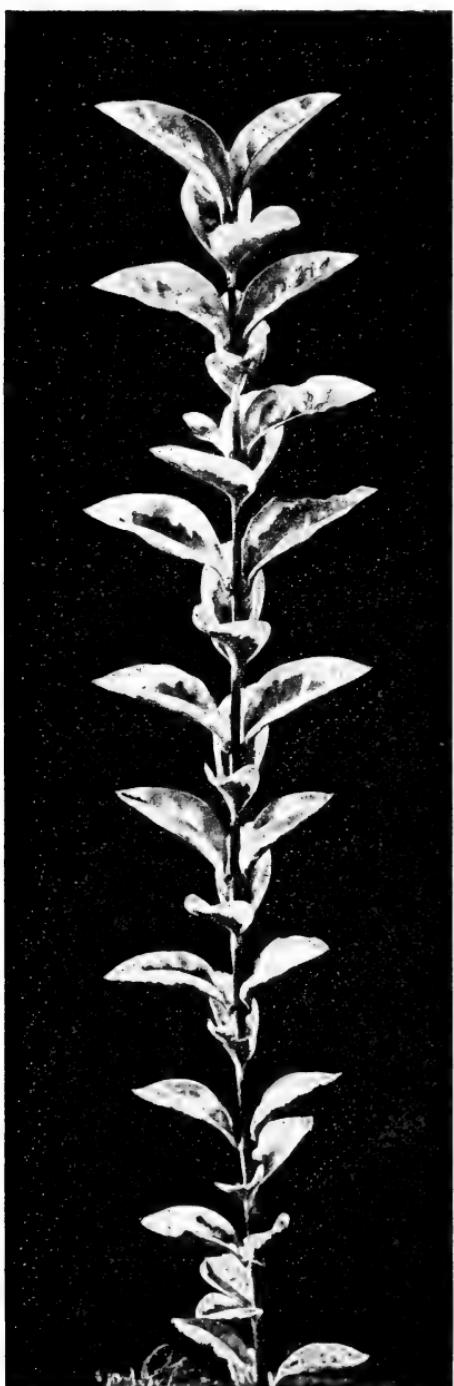
**EUONYMUS RADICANS.**

A trailing vine with ovate coriaceous green foliage, covering the ground, attaching itself to trees, stumps, rocks, walls, or any object within its range, and flourishing well in the full sun or dense shade. It can be used as an edging in place of Boxwood, and clipped in shape in the same manner. A neat and desirable plant for any of the purposes above named. Fine plants, 15c. each; \$1.50 per doz.; \$8.00 per 100.

**EUONYMUS RADICANS VARIEGATA.**

Foliage beautifully variegated with white in the mature leaves, while the young growth has a beautiful yellow tinge. Otherwise the habit, uses, and price same as the type.

## MANDA'S GOLDEN PRIVET.



MANDA'S GOLDEN PRIVET.

Almost an evergreen. This shrub is of such sterling merit that we must mention it here. The growth is free, bushy, and compact. The closely set green leaves are heavily margined with golden yellow covering the greater part of them. The color holds remarkably well during the season. It does not bleach or burn in the hot sun, and is the only yellow foliaged shrub which holds its perfect coloring in the fall. We do not hesitate to say that this is the finest colored foliage shrub in cultivation. It is perfectly hardy and can be used for any purpose desired, such as an isolated specimen or planted in close proximity to Red Japan Maples; this plant offsets and gives additional color and value to both. It produces a unique effect when planted as a hedge, and can be kept to any size, either high or low. Silver medal awarded by the Massachusetts Horticultural Society, and numerous certificates wherever exhibited.

Young plants, 2 in pot, 15c. each, \$1.50 per dozen, \$10.00 per 100; 1 year old plants, 30c. each, \$3.00 per dozen, \$20.00 per 100; 2 year old plants, 75c. each, \$7.50 per dozen, \$50.00 per 100; 3 year old plants, \$1.00 each, \$10.00 per dozen; 4 year old plants, specimens, \$1.50 each, \$15.00 per dozen.

**VERONICA RUPESTRIS.**

Another dwarf evergreen plant thriving well in any situation, especially on banks, rocks, and exposed places. This plant forms a bright blue carpet of flowers in May, while the remainder of the year the plant forms a perfect lawn. Strong plants 15c. each, \$1.50 per doz., \$8.00 per hundred.

**SEDUM SPURIUM SPLENDENS.**

Creeping plants, with whorls of thick, roundish leaves, pale green turning to bronzy purple in the winter months, while in June the plant is covered with yellow flowers. Succeeds well in dry, exposed, or rocky ground, where it makes a good ground cover. Price, 15c. each, \$1.50 per dozen, \$8.00 per 100.

**DIANTHUS PLUMARIUS PLENUM (Scotch Pink).**

Forming compact tufts of gray foliage during the entire year, while in May and June quantities of double pink or white flowers are produced that are very fragrant and useful for cutting purposes. A most useful plant for bordering beds in place of sod or masses in open, sunny situations. Price, 15c. each, \$1.50 per dozen, \$8.00 per 100.

**ACHILLEA TOMENTOSA.**

A dwarf plant. Keeps its finely cut green foliage through the winter, while in early spring the large heads of yellow flowers, 6 inches high, make a solid mass, lasting a long time in perfection. Well suited for open and dry situations, for banks, rockworks, or massing strong plants. Price, 15c. each, \$1.50 per dozen, \$8.00 per 100.

**AJUGA REPTANS.**

Covering the ground closely with its ovate, bright green foliage, and thriving in dense shade, this plant can be recommended for massing in shady places where grass refuses to grow, thus making it a bright green spot all the year around, with a mass of light pink flowers in spring. Strong plants 15c. each, \$1.50 per dozen, \$8.00 per 100.

**ARMERIA MARITIMA.**

Compact tufts of evergreen foliage, with profusion of light pink flowers 6 inches high, and lasting long in perfection. This plant is very valuable for edging walks or paths. When massed will produce a strong effect. Valuable garden plant. Price, 15c. each, \$1.50 per dozen, \$8.00 per 100.

**ROSE EVERGREEN GEM.**

One of the quickest growing plants for covering large spaces, as it makes a growth of from five to fifteen feet in a season, covering the ground with its prostrate branches thickly set with bronze green foliage, supplemented with double fragrant flowers in June. Strong pot grown plants, 35c. to 75c each, according to size.

**VINCA MINOR.**

A well known dwarf plant, covering the ground closely with bright green foliage and blue flowers, thriving well in deep shade. Strong plants, 15c. each; \$1.50 per doz.; \$8.00 per 100.

**PHLOX SUBULATA (Moss Pink).**

Compact growing plant, forming masses of small, light green foliage and carpets of white or pink flowers. A good substitute for edging where sod is used, or for lawns, banks, or other places where low, green plants are desired in place of grass. Strong plants, 15c. each; \$1.50 per doz.; \$8.00 per 100.

**THYMUS SERPHYLLUM (Alpine Thyme).**

A remarkably pretty plant, closely covering the ground with its small, green foliage, which turns a beautiful purple in the winter. Flowering in early summer, making a dense pink carpet with its flowers, three inches in height. Excellent plant for covering dry banks or where masses of low growing evergreen plants are desired. Strong plants, 15c. each; \$1.50 per doz.; \$8.00 per 100.



**SPECIMEN BLUE SPRUCE (Picea pungens glauca).**

For description see page 14.

## CONIFERAE (Evergreen or Resinous Trees.)

One of the grandest classes of vegetation, varying from dwarf prostrate shrubs rising barely a foot above the ground to the largest and most majestic trees known, growing to the height of three hundred and fifty feet. With two or three exceptions they are evergreen, and on that account are especially desirable where evergreen and massive effect is desired. Having such a large range of form and height, they can be used for almost any purpose, such as isolated specimens, groups, beds, hedges, and also as wind screens for sheltering and protecting half hardy plants, etc. They all emit a pleasant resinous odor, which is known to be especially healthful.

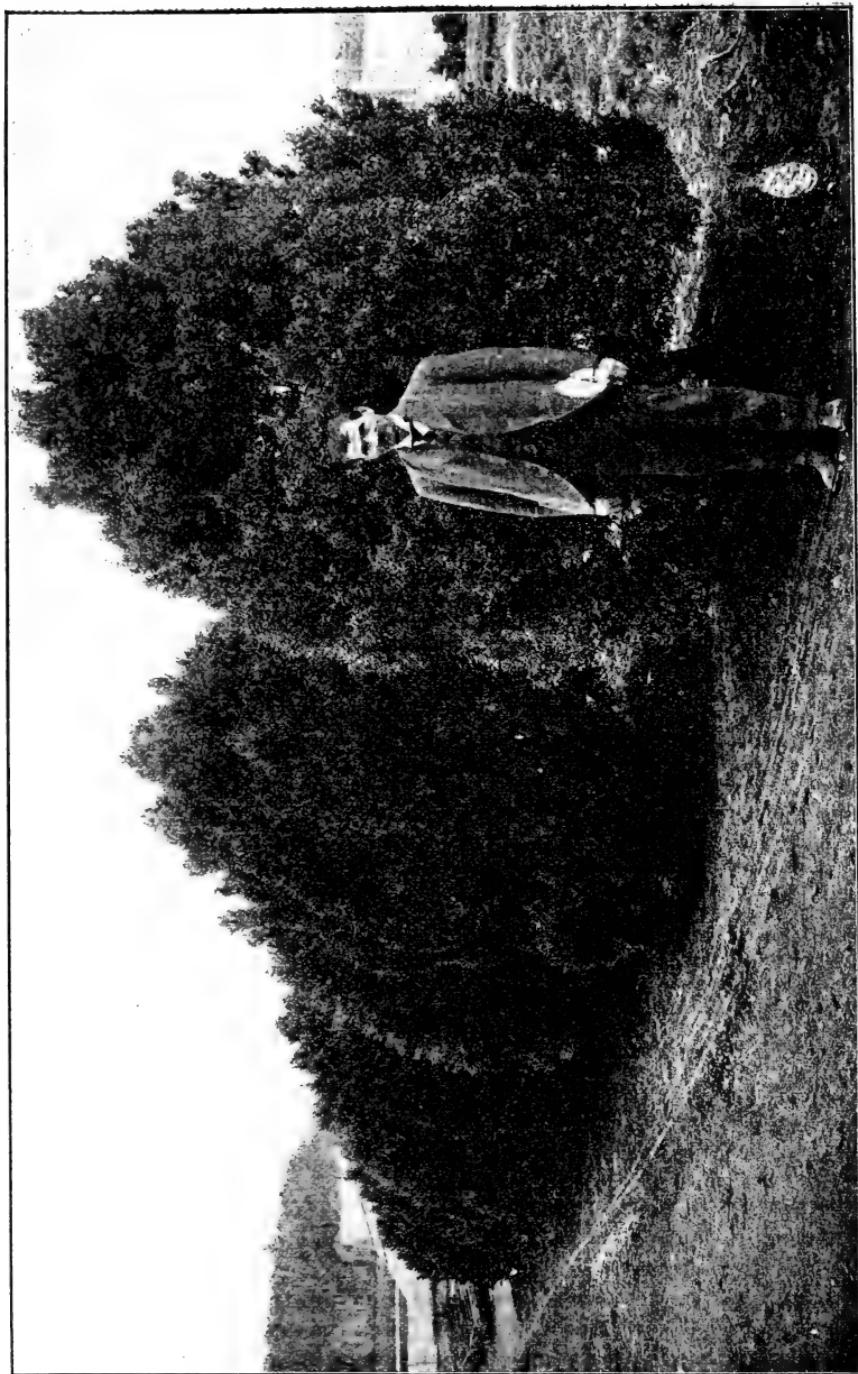
Each

<i>Abies concolor</i> (Silver Fir of Colorado). A lofty tree of great beauty. Without doubt one of the finest American evergreens. Graceful habit, broad, handsome foliage, bluish above, silvery beneath .....	\$ 3 00
<i>Abies Canadensis</i> (Hemlock Spruce). A medium sized tree, remarkably graceful and beautiful, with drooping branches and dark foliage, like that of a Yew. It is without doubt the peer among evergreens. For hedging, massing, or planting as an individual specimen none can equal it .....	1 00
<i>Abies Caroliniana</i> (Carolina Hemlock). A beautiful medium-sized evergreen, upright habit, very hardy .....	2 00
<i>Abies nobilis glauca</i> . A magnificent tree, growing to a great height. Foliage a beautiful glaucous green, making it conspicuous wherever planted .....	3 00
<i>Abies Nordmanniana</i> . This majestic Fir is of symmetrical form, vigorous and hardy. Its foliage is massive, shining dark green above and slightly glaucous below .....	2 00
<i>Cedrus deodora</i> . A tall growing evergreen of great beauty. Its long sweeping branches with light green foliage make it one of the most attractive trees in this class .....	1 00
<i>Juniperus alpina aurea</i> . Spreading compact growth, with bright golden foliage throughout the year .....	1 50
<i>Juniperus Chinensis variegata</i> . A handsome dense dark glaucous green shrub, interspersed with branches of white, perfectly hardy .....	2 00
<i>Juniperus communis hibernica</i> (Irish Juniper). A distinct and beautiful variety of erect and dense outline, resembling a pillar of green .....	75
<i>Juniperus Virginiana</i> (Red Cedar). A well known American tree of medium size. Varies much in habit and color of foliage...	50
<i>Juniperus Virginiana glauca</i> . The compact conical habit of this variety, combined with its glaucous foliage, renders it very distinct and desirable .....	2 00
<i>Juniperus Virginiana albo spica</i> . Pyramidal in form, like Virginiana, but the growth is finer, with the points running to silvery white .....	2 00
<i>Larix Europaea</i> (European Larch). A tall growing tree of pyramidal outline. The small branches droop, giving it a graceful appearance .....	50
<i>Larix leptolepis</i> (Japanese Larch). A very rapid growing tree. Foliage a beautiful green, borne on long, graceful branches..	2 00
<i>Picea alba</i> (White Spruce). A native tree of medium height, pyramidal in form, foliage silvery gray. Very hardy.....	1 00
<i>Picea Alcockiana</i> . A tall growing tree of dense habit. Foliage pale green, glaucous underneath .....	2 00
<i>Picea excelsa</i> (Norway Spruce). An elegant tree, extremely hardy, of rapid, lofty growth and pyramidal form. One of the most popular evergreens for planting .....	1 00
<i>Picea excelsa aurea</i> . A striking variety, of compact habit. The young leaves on the upper side are bright yellow, on the under side green .....	2 00
<i>Picea excelsa pendula</i> . A pendulous variety of the Norway Spruce, with large bright foliage. The lateral branches of the large trees are as drooping as a willow .....	2 00
<i>Picea orientalis</i> . A handsome tree, tall and compact. Remarkable for its graceful habit and dark, slender foliage. One of the most striking of this family .....	2 00

Each.

<i>Picea polita</i> (Tiger's Tail Spruce). A distinct Japanese species. It is of erect habit, and has rigid, sharply-pointed leaves of a bright green color .....	\$2 00
<i>Picea pungens glauca</i> (Colorado Blue Spruce). One of the hardiest and most beautiful evergreens. A handsome tree of lofty and pyramidal growth. The foliage is heavy and of a rich bluish color. This plant should be in every garden .....	3 00
<i>Pinus Austriaca</i> (Austrian Pine). A noble tree, remarkably robust and spreading leaves, long, stiff, and dark green. Growth rapid. Very hardy .....	1 00
<i>Pinus Cembra</i> (Swiss Stone Pine). A dwarf growing tree, but very handsome. Compact conical form. Foliage short and silvery..	2 00
<i>Pinus excelsa</i> (Bhotan Pine). A lofty, elegant tree, with long, drooping, silvery foliage. Hardy and vigorous .....	2 00
<i>Pinus mugo</i> . An upright, spreading, small pine. Its general form is that of a bush .....	1 00
<i>Pinus strobus</i> (White Pine). The most ornamental of all our native pines. Foliage light, delicate green. Flourishes in the poorest sandy soil .....	1 00
<i>Pinus sylvestris</i> (Scotch Pine). A noble, tall growing variety, with stout, erect shoots, and silvery green foliage. Very hardy..	1 00
<i>Retinospora filifera</i> . Forms a wide cone of delicate foliage, with threadlike filaments, curving gracefully from the tips of the branches .....	1 00
<i>Retinospora pisifera</i> . A large growing, graceful tree from Japan. Upright pyramidal outline. The shining green feathery foliage makes it very attractive .....	1 00
<i>Retinospora pisifera aurea</i> . Same habit as above, except the foliage, which is a beautiful golden color .....	1 00
<i>Retinospora plumosa</i> . A small growing tree of pyramidal shape, with feathery clear green foliage. A most desirable plant for lawn decoration .....	1 00
<i>Retinospora plumosa aurea</i> . A golden leaved variety of the above. The favorite yellow leaved evergreen .....	1 00
<i>Retinospora obtusa</i> . A variety of distinguished appearance. This species is peculiarly beautiful in color and appearance of its foliage and the effect which light or shade produces on same.	2 00
<i>Retinospora obtusa nana</i> . This is the variety which the Japanese grow in pots. A curious but beautiful tree of dwarf, irregular, picturesque growth, and dark green foliage .....	2 00
<i>Retinospora squarrosa Veitchii</i> . A grand variety, having beautiful silvery foliage, extensively used .....	1 00
<i>Sciadopitis verticillata</i> . The Umbrella Pine of Japan. Is not only one of the most distinct Conifers, but the most remarkable and beautiful. Its growth is conical. Very hardy. Foliage a shining green .....	3 00
<i>Taxus baccata</i> (English Yew). A large bush or tree. It is densely branched and can be trimmed in any shape. Foliage a beautiful dark green .....	1 00
<i>Taxus baccata erecta</i> Overeinder. An erect, dense growing variety, with fine, dark shining leaves thickly set on the branches...	2 00
<i>Taxus hibernica</i> (Irish Yew). A very handsome, erect, resembling a dark green pillar, rendering the plant very effective, especially for formal gardens .....	2 00
<i>Taxus tardiva</i> . A very dwarf variety from Japan. Very hardy. used for bordering, or where very low growth is desired.....	1 00
<i>Thuja occidentalis</i> (Arbor Vitae). A beautiful native tree of medium height, commonly known as the White Cedar. Especially valuable for screens and hedges .....	50
<i>Thuja occidentalis compacta</i> . Dwarf, compact habit, and deep green foliage .....	1 00
<i>Thuja occidentalis George Peabody</i> . Dwarf, pyramidal growth, foliage bright golden color, which is retained throughout the summer .....	2 00
<i>Thuja occidentalis pyramidalis</i> . Upright, compact habit, like the Irish Juniper. Very desirable .....	1 00
<i>Thuja orientalis</i> . Upright, compact grower, with lace-like foliage..	1 00
<i>Thuja orientalis compacta</i> . A very dwarf form of the above ....	2 00

Some Specimen Boxwoods at South Orange



## BOXWOOD.

One of the most beautiful of evergreen foliage plants which can be used in various ways to decorate the grounds or as a specimen in pots or tubs. We have the largest stock of boxwood in the country. Plants of all sizes, from 3 inches in height to large specimens centuries old, ten to fifteen feet high and as much in diameter. We have them in all shapes, pyramids, bush form, globular forms, standards, and some odd-looking specimens, beside thousands of dwarf Boxwood for edging flower beds and formal gardens. We have acres of Boxwood for you to select from and give prices on the following small sizes, and will be pleased to quote on the large specimens or quantity of ordinary sizes.

	Each.
Dwarf Boxwood, for edging. 3 inches high.....	\$0 03
Dwarf Boxwood, for edging. 4 inches high.....	05
Dwarf Boxwood, for edging. 6 inches high.....	12
Tree Boxwood, for larger edgings. 1 foot high.....	35
Tree Boxwood, for larger edgings. 1½ feet high.....	45
Tree Boxwood, for larger edgings. 2 feet high.....	75
Bush form, natural shaped plants. 2½ feet. high.....	1 75
Bush form, natural shaped plants. 3 feet high.....	2 50
Bush form, natural shaped plants. 3½ feet high.....	3 50
Bush form, natural shaped plants. 4 feet high.....	4 50
Bush form, natural shaped plants. 5 feet high.....	7 50
Bush form, natural shaped plants. 6 feet high.....	9 00
Pyramids, well formed plants. 2½ feet high.....	1 75
Pyramids, well formed plants. 3 feet high.....	2 50
Pyramids, well formed plants. 3½ feet high.....	3 50
Pyramids, well formed plants. 4 feet high.....	5 00
Pyramids, well formed plants. 5 feet high.....	7 50
Pyramids, well formed plants. 6 feet high.....	9 50
Standards, fine specimen. 1 foot across head.....	1 50
Standards, fine specimen. 1½ feet across head.....	2 50
Standards, fine specimen. 2 feet across head.....	4 50
Standards, fine specimen. 2½ feet across head.....	6 50
Standards, fine specimen. 3 feet across head.....	9 00
Standards, fine specimen. 3½ feet across heads.....	12 00
Standards, fine specimen. 4 feet across.....	18 00

Larger sizes, also special large lots to plant an entire Boxwood or Formal garden, prices on application. Plans and estimates furnished for laying out Boxgardens, etc. Come and see our Boxwood arranged in all the style and covering several acres of ground at South Orange, and including all the different varieties in cultivation, suited to any purpose desired.

Boxwood is a very slow grower, and large specimens on grounds gives the place age and tone that cannot be duplicated by any other plant.

## NEW JERSEY STATE BOARD OF AGRICULTURE.

## OFFICE OF THE STATE ENTOMOLOGIST.

No. 16. 1908.

NEW BRUNSWICK, N. J., September 3, 1908.

THIS IS TO CERTIFY That I have this 2nd day of September, 1908, examined the nursery stock growing on the Universal Horticultural Establishment, Nurseries, W. A. Manda, Inc., Proprietors, at South Orange, Essex County, New Jersey, and have found the same apparently free from San Jose Scale and other dangerously injurious insect pests; also, that the stock examined was in an apparently healthy condition.

This certificate is good only for the shipping season of the Fall of 1908 and Spring of 1909, and covers only stock actually grown on the nurseries examined.

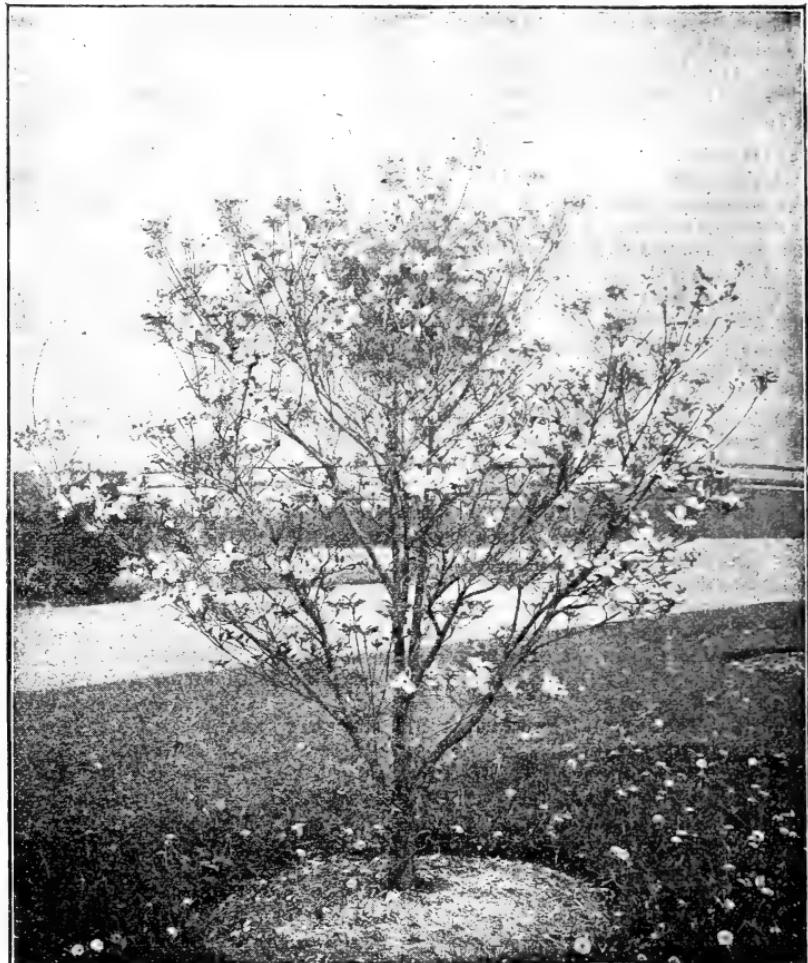
JOHN B. SMITH, *State Entomologist.*

## DECIDUOUS TREES.

This class embraces species growing from ten to over a hundred feet in height, and furnishes ample material for street and avenue planting, as well as for parks and home grounds, where, with their large, spreading branches, they give restful shade in summer. The various shapes and hues of the foliage, together with the profusion of flowers produced by many varieties, give a characteristic and imposing effect to the grounds.

Each.

<i>Acer dasycarpum</i> (Silver-leaved Maple). Grows rapidly to a large size. Hardy and easily transplanted .....	\$0 50
<i>Acer plantanoides</i> (Norway Maple). One of the most desirable varieties for street or grounds. Compact habit .....	50
<i>Acer plantanoides Schwerdieri</i> . The young shoots and leaves of this variety are a brilliant purple or crimson, which changes to purplish green in the older leaves .....	1 00
<i>Acer polymorphum</i> (Japan Maple). This is the type, growth slow and shrubby, foliage bright green, changing to dark crimson in autumn .....	1 00
<i>Acer polymorphum atropurpureum</i> . Foliage dark purple and deeply cut. Very hardy and ornamental .....	1 00
<i>Acer polymorphum atropurpureum dissectum</i> . Dwarf and weeping form. Leaves beautiful rose color when young, changing to a deep purple, and having a fern-like appearance.....	1 00
<i>Acer polymorphum aureum</i> . Habit compact, beautiful yellow foliage, turning to crimson in the autumn .....	1 00
<i>Acer polymorphum reticulatum</i> . Deeply cut palmate foliage, beautifully veined with light green color .....	1 00
<i>Acer polymorphum sanguineum</i> . Dwarf habit, foliage serrated, reddish crimson in June. One of the best .....	1 00
<i>Acer polymorphum</i> . Collection of 25 varieties. These comprise all the sorts of this grand plant, and the many forms are very interesting when planted together .....	1 00
<i>Acer negundo</i> (Ash-leaved Maple). A very rapid growing variety, used generally where immediate effect is required.....	50
<i>Acer saccharinum</i> (Sugar or Rock Maple). A stately tree of pyramidal growth. Especially valuable for avenue planting..	50
<i>Aesculus hippocastanum</i> (White flowered Horse Chestnut). Forms a large sized tree. Very hardy. In May it is covered with large spikes of white flowers.....	50
<i>Aesculus hippocastanum plenum</i> . Produces double flowers. The absence of fruit, by which much litter is avoided .....	1 00
<i>Aesculus hippocastanum rubicunda</i> . One of the finest trees. Flowers showy red. The leaves are deep green .....	1 00
<i>Betula alba</i> (White Weeping Birch). A graceful tree, with silvery bark, assuming an elegant, drooping habit .....	50
<i>Betula alba pendula</i> . A weeping form of the above.....	1 00
<i>Betula alba pendula laciniata</i> . One of the most popular weeping trees. Its drooping branches, covered with delicately cut foliage, make it admired wherever seen .....	1 00
<i>Betula alba atropurpurea</i> . Very vigorous habit, and purple foliage	1 00
<i>Castanea Americana</i> (American Chestnut). The well known native variety. Makes a stately tree .....	50
<i>Catalpa Bungei dwarf</i> . A small growing form from China. Foliage large and glossy .....	50
<i>Catalpa Bungei standard</i> . This variety grafted on stems of tall varieties makes an effective umbrella-shaped tree .....	2 00
<i>Catalpa speciosa</i> . A very vigorous hardy variety, producing large, pyramidal clusters of white flowers .....	50
<i>Cercidiphyllum Japonicum</i> . A Japanese tree having small leaves, and when starting from the bud are of a light pink color, giving the tree a beautiful appearance .....	1 00
<i>Cerasus Sieboldii alba plena</i> (Double flowering Cherry). One of the finest of trees, producing double white flowers.....	1 00
<i>Cerasus Sieboldii rosea plena</i> . Like the above, except the flowers, which are a beautiful shade of pink.....	1 00
<i>Cercis Canadensis</i> (Judas Tree). A native tree of medium size, flowering before the foliage appears. Very beautiful .....	50



**CORNUS FLORIDA (Flowering Dogwood).**

For description see opposite, page 19.

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Besides the stock here enumerated and priced we have many other rare kinds, as well as large specimens, of which we would be happy to give prices on application or have you call and select same.

	Each.
<b>Chionanthus Virginicus (White Fringe).</b> A dwarf tree, producing racemes of pure white flowers, with fringe-like petals.....	\$0 75
<b>Cladrastis tinctoria (Yellow Wood).</b> One of the finest flowering trees. Leaves light green, flowers produced on long, drooping racemes, white and sweet scented .....	1 00
<b>Cornus florida (Dogwood).</b> Too well known to need any description. A beautiful tree in spring or fall .....	50
<b>Cornus florida rubra.</b> A form of the above, producing fine pink flowers when very young .....	1 00
<b>Cornus florida pendula.</b> A variety of <i>C. florida</i> , with drooping branches .....	1 00
<b>Crataegus oxyacantha (Hawthorn).</b> The celebrated English hedge plant. Flowers single white .....	35
<b>Crataegus oxyacantha alba plena.</b> Flowers double white .....	1 00
<b>Crataegus oxyacantha rosea plena.</b> Luxuriant foliage. Flowers large, very double, and of a beautiful rose color.....	1 00
<b>Crataegus oxyacantha Paul's scarlet.</b> Flowers bright carmine red. Superior to any of its color .....	1 00
<b>Fagus ferruginea (American Beech).</b> One of the finest native trees, growing to immense size. Rich glossy foliage .....	1 00
<b>Fagus sylvatica (European Beech).</b> A grand tree, growing to the height of eighty feet .....	50
<b>Fagus sylvatica asplenifolia.</b> Elegant round habit. The leaves are delicately cut, giving it a fern-like appearance.....	1 00
<b>Fagus sylvatica pendula (Weeping Beech).</b> A very interesting pendulous tree, with rich foliage of wondrous beauty.....	2 00
<b>Fagus sylvatica purpurea.</b> An elegant tree. Foliage in spring deep purple, changing to purplish green in fall .....	2 00
<b>Fagus sylvatica purpurea Riversii.</b> Compact habit. Foliage crimson in early spring. The finest of all purple trees .....	2 00
<b>Fagus sylvatica purpurea pendula.</b> Similar in habit and growth to the Weeping Beech. Foliage deep purple .....	3 00
<b>Fagus sylvatica tricolor.</b> A grand variety, with beautiful rose-margined leaves .....	2 00
<b>Fraxinus excelsior (European Ash).</b> A noble tree, of rapid growth, gray bark, pinnate leaves, and black buds .....	50
<b>Fraxinus excelsior aurea.</b> A curious tree, with yellow bark and twisted branches .....	1 00
<b>Fraxinus excelsior pendula (Weeping Ash).</b> One of the finest lawn and arbor trees. Grows rapidly .....	1 00
<b>Juglans Japonica.</b> (The Japanese Walnut.) One of the most rapid growing trees .....	1 00
<b>Liquidambar staraciflora (Sweet Gum).</b> A moderate sized tree, with star-shaped glossy green leaves, turning to deep crimson in autumn .....	1 00
<b>Liriodendron tulipifera (Tulip Tree).</b> Allied to the Magnolias. Vigorous grower, producing beautiful tulip-like flowers.....	1 00
<b>Magnolia acuminata.</b> A beautiful pyramidal tree, with large bluish green leaves. Flowers yellow tinted, with purple.....	1 00
<b>Magnolia conspicua.</b> Tree of medium size. The flowers are large, pure white, and produced before the leaves .....	2 00
<b>Magnolia glauca.</b> Thick, almost evergreen, foliage, with profusion of white, fragrant flowers .....	1 00
<b>Magnolia Hypoleuca.</b> Rapid growing tree, large foliage .....	1 00
<b>Magnolia Kobus.</b> Medium size, bushy growth. Blush white and fragrant flowers .....	2 00
<b>Magnolia Lenneii.</b> Foliage large, flowers dark purple, fine sort..	2 00
<b>Magnolia macrophylla.</b> Leaves two feet in length. Flowers white, of immense size. A fine tropical looking tree .....	2 00
<b>Magnolia obovata discolor.</b> Profuse bloomer, with white, reddish pink flowers .....	1 00
<b>Magnolia purpurea.</b> Medium sized flower, rose purple color.....	1 00
<b>Magnolia parviflora.</b> Rare Japanese variety. Flowers white, with purple centre .....	2 00
<b>Magnolia Soulangeana.</b> Foliage large, glossy and massive. Flowers white and purple, cup-shaped. One of the best....	2 00
<b>Magnolia stellata.</b> The earliest flowering form, dwarf habit, with pure white semi-double fragrant flowers .....	2 00

Each.

<i>Magnolia tripetala.</i> Very hardy type, with immense leaves and large white flowers appearing in June .....	\$1 00
<i>Morus Downings.</i> A rapid growing tree, bearing fine fruit .....	50
<i>Morus Teas Weeping.</i> One of the finest small weeping trees. forms a perfect umbrella-shaped head. Very hardy.....	1 00
<i>Paulownia imperialis.</i> A tropical looking tree, of rapid growth, and surpassing all others in size of leaves, which are often over a foot in diameter .....	1 00
<i>Persica vulgaris alba</i> fl. pl. (Flowering Peach). Flowers pure white and double. Perfectly hardy .....	50
<i>Persica vulgaris coccinea</i> pl. Flowers double bright red.....	50
<i>Persica vulgaris rosea</i> pl. Flowers double rose colored.....	50
<i>Persica vulgaris rosaflora.</i> Flowers double, pink .....	50
<i>Platanus orientalis</i> (Sycamore). Extensively used for street and park planting. A grand tree .....	50
<i>Populus alba</i> (Poplar). Rapid growth and wide spreading habit. Leaves large, green above and white beneath .....	50
<i>Populus aurea.</i> Fine yellow foliage, retaining its brilliancy through the season. Effective in masses .....	50
<i>Populus monilifera</i> (Carolina Poplar). Pyramidal in form, very vigorous in growth. Leaves large, glossy, deep green .....	50
<i>Ptelea trifoliata</i> (Hop Tree). Small tree, vigorous grower. Fruit winged and produced in clusters .....	1 00
<i>Ptelea trifoliata aurea.</i> Beautiful, glossy, golden foliage .....	1 00
<i>Prunus Pissardii</i> (Purple leaved Plum). The finest purple leaved tree or shrub. Leaves are a lustrous crimson when young, changing to a dark purple .....	75
<i>Pyrus spectabilis</i> (Flowering Crab). One of the finest flowering trees. Very hardy .....	1 00
<i>Pyrus spectabilis</i> fl. alba pl. Double white, fragrant flowers, borne in clusters .....	1 00
<i>Pyrus spectabilis</i> fl. rosea pl. Same as above in habit. Flowers beautiful rose color .....	1 00
<i>Quercus coccinea</i> (Scarlet Oak). Rapid grower, pyramidal outline. Leaves turn bright scarlet in autumn .....	1 00
<i>Quercus alba.</i> Large, spreading tree .....	1 00
<i>Quercus palustris</i> (Pin Oak). A fine, vigorous tree of drooping form. One of the best for planting avenues .....	1 00
<i>Robinia hispida rosea</i> (Locust). A native species of irregular growth, producing clusters of rose-colored flowers in June...	1 00
<i>Salix Babylonica</i> (Weeping Willow). Our well known willow ..	50
<i>Salix laurifolia.</i> Ornamental tree, with large, shining leaves ....	50
<i>Tilia Americana</i> (Linden). A rapid growing, large sized native tree. Large leaves, fragrant flowers .....	1 00
<i>Tilia Europaea.</i> A fine, pyramidal tree, with heavy foliage, and producing clusters of flowers .....	1 00
<i>Tilia argentea.</i> Particularly noticeable among trees by its white appearance. Very ornamental .....	1 00
<i>Tilia pendula.</i> A beautiful tree with large foliage and slender, drooping branches .....	2 00
<i>Ulmus Americana</i> (Elm). The finest of all our native spreading and drooping trees .....	50
<i>Ulmus pendula.</i> A fine and graceful weeping tree.....	2 00

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Large specimen trees and varieties not listed in stock. Call at the Nurseries or write for particulars, stating your wants.

## DECIDUOUS FLOWERING AND FOLIAGE SHRUBS.

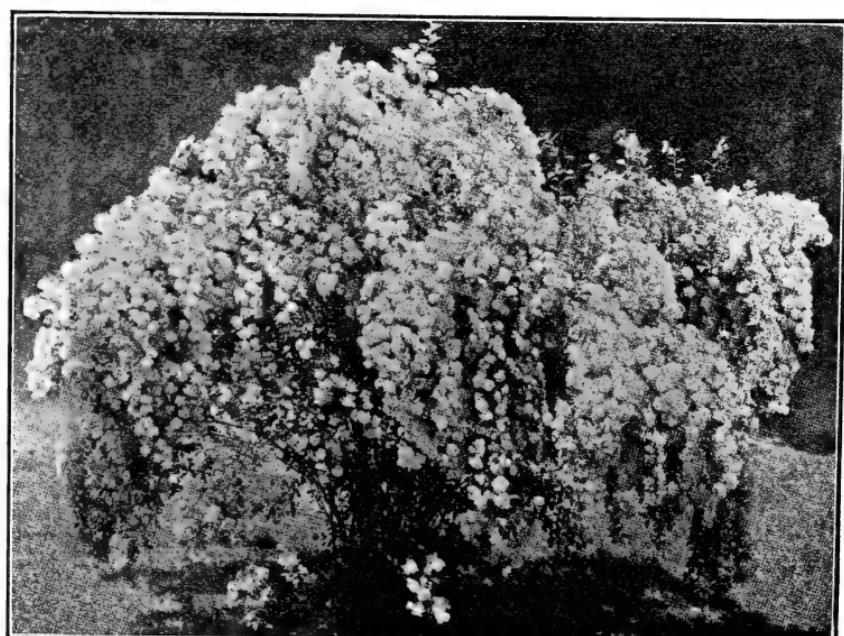
This class is represented by a very large class of shrubs growing from two to ten feet in height. Producing a wealth of beautiful flowers at the different seasons, or a mantle of bright colored foliage, making an attractive mass from early spring to late fall. Indispensable for every garden, however small.

	Each.
<b>Amorpha fruticosa.</b> Interesting ornamental shrub of spreading habit, with fine, feathery foliage. The flowers are of an unusual color, dark violet purple .....	\$0 35
<b>Aralia spinosa</b> (Hercules Club). A native plant, valuable for producing tropical effects .....	50
<b>Andromeda arborea.</b> A fine native shrub, producing long racemes of flowers in early summer .....	50
<b>Azalea mollis.</b> Flowers large and showy, in color yellow to red..	1 00
<b>Azalea pontica.</b> Fragrant orange and red flowers .....	1 00
<b>Azalea calendulacea.</b> The grandest of this family. Flowering after all other sorts have gone .....	1 00
<b>Azalea Vaseyii.</b> A beautiful native variety. Flowers rosy pink, appearing before the leaves .....	1 00
<b>Berberis vulgaris</b> (Barberry). A handsome shrub, with drooping racemes of yellow flowers .....	35
<b>Berberis vulgaris purpurea.</b> Foliage and fruit violet purple. Very effective in groups or masses .....	35
<b>Berberis Thunbergii.</b> A dwarf variety, with small leaves, changing to a beautiful coppery red in autumn .....	35
<b>Baccharis glomeruliflora.</b> Dwarf shrub, producing profusely numerous yellowish flowers in the fall. Good plant for the seashore .....	50
<b>Calycarpa purpurea.</b> An elegant shrub, with bright green foliage, with numerous purplish blue berries in fall .....	75
<b>Calycanthus floridus</b> (Sweet scented Shrub). A native plant with double purple very fragrant flowers .....	35
<b>Caryopteris mastacanthus</b> (Blue Spiraea). A pretty autumn blooming shrub, producing clusters of light blue flowers....	35
<b>Clethra alnifolia</b> (White Alder). Produces spikes of clear white fragrant flowers in August .....	35
<b>Cornus sanguinea.</b> Very ornamental in winter, the bark being blood red .....	35
<b>Cornus sanguinea elegantissima variegata.</b> One of the best variegated shrubs. Leaves broadly margined with white....	50
<b>Cornus Spathii aurea.</b> A good companion for the above. The variegation in this variety is yellow .....	50
<b>Corchorus Japonica.</b> Slender green branched shrub, with globular yellow flowers .....	35
<b>Corchorus Japonica fl. pl.</b> A double flowered variety .....	35
<b>Corchorus Japonica</b> var. Dwarf growing, with beautiful green foliage, edged with white .....	35
<b>Corylus avellana</b> (Hazelnut). Fine, heavy green leaves .....	50
<b>Corylus avellana atropurpurea.</b> The same habit as the above, except the foliage, which is of a dark purple color .....	75
<b>Corylus avellana laciniata.</b> Ornamental, deeply cut .....	75
<b>Cydonia Japonica</b> (Japan Quince). One of the best hardy shrubs. Flowers bright crimson, produced in great profusion in early spring .....	35
<b>Deutzia crenata fl. pl. alba.</b> Flowers double white. One of the most desirable shrubs .....	35
<b>Deutzia crenata fl. pl. rosea.</b> Similar in habit to the preceding. Flowers rose color .....	35
<b>Deutzia crenata</b> (Pride of Rochester). The finest of all the double flowering Deutzias .....	35
<b>Deutzia gracilis.</b> Dwarf species. Flowers white, very early....	35
<b>Exochorda grandiflora.</b> A grand native shrub, producing large white flowers in May .....	50

Each.

<i>Forsythia Fortunii</i> (Golden Bell). Growth upright, foliage deep green, yellow flowers. One of the first to bloom in spring .....	\$0 35
<i>Forsythia suspensa</i> . The growths are drooping .....	35
<i>Forsythia viridissima</i> . Leaves and bark dark green. Flowers early .....	35
<i>Halesia tetrapeta</i> (Silver Bell). Large growing shrub, with pretty white bell-shaped flowers .....	50
<i>Hibiscus Syriacus Boule de Feu</i> (Rose of Sharon). Flowers double, of a beautiful violet red color .....	35
<i>Hibiscus Syriacus Duc de Brabant</i> . A fine double flowered variety .....	35
<i>Hibiscus Syriacus foliis variegatus</i> . Beautifully variegated foliage, double purple flowers .....	35
<i>Hibiscus Syriacus totus albus simplex</i> . Single pure white. Fine .....	35
<i>Hibiscus Syriacus totus albus plenus</i> . Flowers double pure white .....	35
<i>Hibiscus Syriacus violaceus simplex</i> . Single purple flowers .....	35
<i>Hibiscus Syriacus violaceus plenus</i> . Double purple flowers .....	35
<i>Hydrangea paniculata</i> . An upright growing shrub, with pyramidal panicles of white flowers .....	35
<i>Hydrangea paniculata grandiflora</i> . One of the finest flowering shrubs. Flowers white, on pyramidal panicles a foot long .....	35
<i>Hydrangea quercifolia</i> . Foliage resembles that of the Oak. Flowers cream colored, medium sized panicles .....	50
<i>Hypericum aureum</i> . Flowers a bright yellow, borne in great profusion from August until October .....	50
<i>Hypericum Moserianum</i> . A fine dwarf shrub, producing large yellow flowers in great profusion during summer .....	50
<i>Itea Virginica</i> . A native shrub with racemes of pretty white flowers during summer .....	25
<i>Ligustrum ovalifolium</i> (California Privet). A vigorous hardy variety of fine habit and foliage. The best hedge plant .....	25
<i>Ligustrum ovalifolium aureum</i> (Manda's Golden). This is without doubt the grandest variegated hardy shrub in cultivation, holding the fine golden variegation from spring until frost. Valuable for hedges, massing, and as single specimens .....	25
<i>Lonicera tartarica alba</i> (Tree Honeysuckle). Forms a high bush, with creamy white fragrant flowers .....	35
<i>Lonicera tartarica rubra</i> . A fine variety of the above, with large dark rose colored flowers .....	35
<i>Paeony arborea</i> (Tree Paeony). Flowers very large and gorgeous, appearing in May. Many varieties .....	1 00
<i>Philadelphus coronarius</i> (Syringa or Mock Orange). A well known shrub, producing white, sweet-scented flowers .....	35
<i>Philadelphus foliis aureus</i> . A medium-sized golden-leaved variety, creating a pleasing contrast with purple-leaved shrubs .....	50
<i>Philadelphus Lemoinei</i> . Growth upright, and covered with small, yellowish white flowers. Very pretty .....	50
<i>Philadelphus inodorus</i> . Large white flowers .....	35
<i>Philadelphus grandiflorus</i> . Large showy flowers, slightly fragrant .....	35
<i>Prunus triloba</i> (Double flowered Plum). A grand hardy shrub. Flowers double, of a delicate pink color, thickly set on long, slender branches .....	50
<i>Rhodotypos kerrioides</i> . Medium-sized shrub, handsome foliage and single white flowers, succeeded by small fruits .....	35
<i>Rhus cotinus</i> (Purple Fringe or Smoke Tree). Produces a curious fringe, or hair like flowers, that covers the whole surface of the plant in midsummer .....	35
<i>Rhus glabra laciniata</i> . A striking plant of medium size, with deep, laciniated leaves resembling fern leaves, turning to a rich crimson in autumn .....	50
<i>Ribes aureum</i> . A native shrub with glabrous shining leaves and yellow flowers .....	35
<i>Sambucus nigra aurea</i> (Golden Elder). Fine rapid growing shrub, with golden yellow foliage. Fine color effect .....	35
<i>Spiraea Billardii</i> . Flowers nearly all summer .....	35
<i>Spiraea Bumalda</i> . A dwarf but vigorous variety. The rose colored flowers are produced in great profusion during midsummer and autumn .....	35

	Each.
<i>Spiraea Bumalda Anthony Waterer.</i> A fine dwarf variety, with dark crimson flowers. One of the finest shrubs .....	\$0 35
<i>Spiraea opulifolia aurea.</i> A beautiful variety, with golden yellow foliage and double white flowers. A robust grower.....	35
<i>Spiraea prunifolia pl.</i> Pure white flowers, like white daisies. Keeps in flower a long time. One of the best .....	35
<i>Spiraea Reevesii.</i> A fine shrub, producing large clusters of pure white flowers that cover the whole plant .....	35
<i>Spiraea Reevesii fl. pl.</i> A double flowering variety of the above.	35
<i>Spiraea Thunbergii.</i> Dwarf and graceful branches, slender and drooping. Flowers white. One of the first to flower.....	35
<i>Spiraea Van Houtteii.</i> One of the best shrubs. Strong grower. Very hardy. Covered in May and June with a mass of large white flowers, presenting a beautiful appearance .....	35
<i>Syringa persica</i> (Persian Lilac). Grows from four to six feet high. Produces purple flowers, borne on drooping branches..	50
<i>Syringa vulgaris.</i> The well known Lilac. Bluish purple .....	50
<i>Syringa vulgaris alba.</i> A white form of the above.....	50
<i>Syringa vulgaris alba grandiflora.</i> Very large pure white trusses	50
<i>Syringa vulgaris Charles X.</i> A strong, rapid growing variety, with large, loose trusses of reddish purple flowers .....	50
<i>Syringa vulgaris Marie Legraye.</i> Large white panicles .....	50
<i>Styrax Japonica.</i> Large shrub, with small, glossy foliage and beautiful drooping pure white snowdrop-like flowers.....	1 00
<i>Tamarix Africana.</i> Handsome foliage, upright habit .....	35
<i>Tamarix indica.</i> Delicate foliage of a lively green color .....	35
<i>Tamarix Germanica vera.</i> Foliage a glaucous green.....	35
<i>Viburnum opulus.</i> A fine ornamental shrub, which is covered with red berries until destroyed by frost late in the fall.....	35
<i>Viburnum plicatum.</i> One of the most desirable flowering shrubs. Fine habit and foliage. Globular heads of pure white flowers	50
<i>Weigela amabilis.</i> Flowers light pink. Very free.....	35
<i>Weigela amabilis alba.</i> Pure white form of the above.....	35
<i>Weigela rosea.</i> An elegant shrub. Erect, compact growth, producing fine rose colored flowers .....	35
<i>Weigela variabilis.</i> Brilliant crimson. A vigorous grower .....	35
<i>Weigela foliis variegatus.</i> A grand variegated leaved shrub ..	35
<i>Zanthorrhiza apiifolia.</i> Dwarf compact shrub, with fern-like leaves and yellow flowers. Good for shady situation .....	35



**SPIRAEA VAN HOUTTEII.** For description see above.



**RHODODENDRON IN FLOWER.**

For description see pages 6, 7, 26.



**KALMIA LATIFOLIA (Mountain Laurel).**

For description see pages 7 and 25.

# EVERGREEN FOLIAGE AND FLOWERING SHRUBS.

A most desirable class of plants, with massive generally glossy foliage, which is evergreen through the winter, the foliage changing in many varieties to beautiful bronze purple and crimson hues, besides the fine and attractive flowers which are produced in spring and early summer, and on that account should be planted in every garden.

	Each.
<b>Abelia rupestris.</b> Beautiful dwarf shrub, with small, glossy foliage and covered with white flowers in late summer .....	\$0 50
<b>Andromeda Catesbaei.</b> A grand, glossy-leaved plant, bearing early in June panicles of waxy white flowers. The foliage during winter turns a beautiful crimson, making it one of the most effective plants we have for winter effect .....	50
<b>Andromeda floribunda.</b> A pretty plant of dwarf compact habit, with rich, dark green foliage and pure white flowers in spring, resembling Lily of the Valley .....	1 00
<b>Andromeda Japonica.</b> A taller and more graceful shrub with long recurved sprays of white flowers .....	1 00
<b>Artemesia abrotanum</b> (Old Man or Southernwood). Dark green, finely cut foliage, with pleasant aromatic odor .....	25
<b>Azalea amoena.</b> A neat, low growing shrub. The foliage is small, dark green, turning to bronze brown in winter. In early May it is covered with a mass of purplish red flowers .....	1 00
<b>Azalea indica alba.</b> One of the most beautiful, hardy, early flowering shrubs. Flowers pure white, borne in great profusion. Extra strong .....	2 00
<b>Azalea Oriental Hybrids.</b> In several colors .....	1 00
<b>Berberis reptans.</b> A dwarf creeping variety, with lustrous green foliage .....	75
<b>Berberis aquifolium</b> (Mahonia). An upright dwarf shrub, with glossy green foliage, turning to a beautiful shade of purple in winter .....	50
<b>Berberis fascicularis.</b> A variety of the above. Taller growth, smaller and more crested foliage .....	50
<b>Berberis Neubertii.</b> A hybrid variety, with small, crenate foliage .....	50
<b>Buxus sempervirens</b> (Boxwood). The favorite border plant for old-fashioned and formal gardens .....	5
<b>Buxus sempervirens arborea.</b> The tall growing variety .....	1 00
<b>Buxus sempervirens arborea variegata.</b> A variegated form .....	1 00
<b>Buxus sempervirens pyramidalis.</b> Upright habit .....	1 00
<b>Buxus sempervirens longifolia.</b> Variety with elongated foliage and drooping branches .....	1 00
<b>Buxus sempervirens argenteis.</b> Silver variegated leaves .....	1 00
<b>Buxus sempervirens foliis aureus.</b> Has beautiful, large, golden foliage. Dwarf habit .....	50
<b>Calluna vulgaris alba</b> (Heather). Fine feathery foliage covered with masses of small, white flowers in late summer .....	50
<b>Cassandra calyculata.</b> Dwarf shrub, with white flowers .....	50
<b>Cotoneaster buxifolia.</b> Dwarf shrub, with small, glossy, feathery foliage .....	35
<b>Cotoneaster Microphylla.</b> Dwarfer variety, with smaller oblong foliage .....	35
<b>Euonymus Japonicus.</b> A beautiful glossy-leaved plant of upright habit .....	35
<b>Euonymus radicans arborescens.</b> A dwarf, compact form, suitable for edging or as dwarf hardy shrub .....	50
<b>Ilex crenata.</b> A dwarf Japan Holly. A beautiful dwarf shrub for specimen or small hedges .....	50
<b>Ilex opaca</b> (Holly). The well known American Holly .....	50
<b>Leiophyllum buxifolium.</b> A very dwarf shrub, covered with small, white flowers. Fine for rockwork .....	50
<b>Leiophyllum buxifolium prostratum.</b> A prostrate variety of the above .....	50
<b>Kalmia latifolia</b> (Mountain Laurel). Shining foliage, dense clusters of pink or nearly white flowers in spring .....	1 00

**SPECIMEN PLANT OF RHODODENDRON.**

(In midwinter, showing desirability for evergreen effect.)

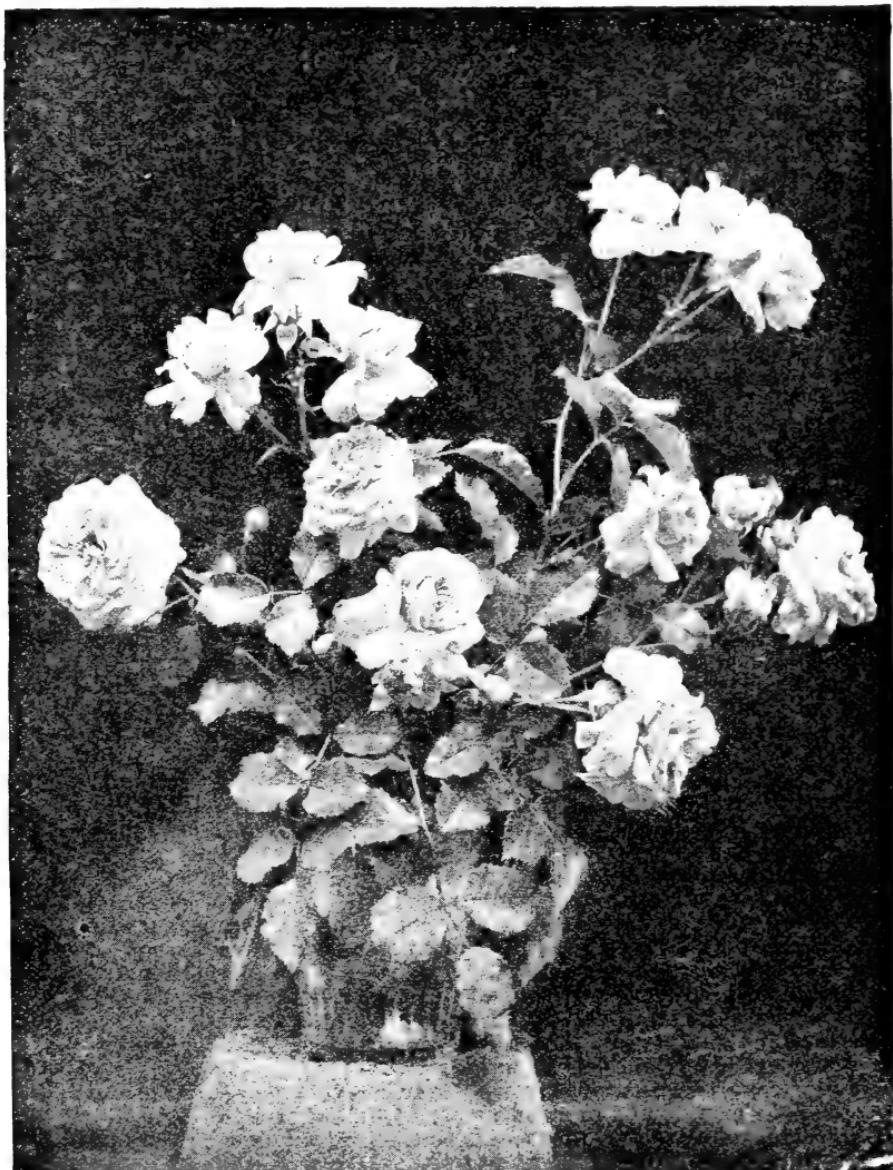
<b>Rhododendron Catawbiense.</b> Hardy variety, producing freely large trusses of lilac purple flowers. The true Rhododendron color .....	\$2 00
<b>Rhododendron maximum.</b> The hardiest species, with massive foliage, covered with trusses of white to pale rose flowers in July (See pages 6 and 7) .....	1 00
<b>Rhododendron hybrids.</b> We have a fine stock of the best selected twelve hardy varieties, varying in color from pure white to dark scarlet .....	2 00

Besides the above varieties and ordinary trade sizes, we have all other varieties in stock, besides very large specimens for landscape effect. Particulars on application.

## HARDY VINES AND CREEPERS.

On account of the habit of this class of plants, they are indispensable for covering posts, trellises, trees, stumps, walls, rocks, or banks; also for screens on piazzas. Besides the luxuriant foliage, they all have showy flowers, which add to their desirability for above purposes.

	Each.
<b>Actinidia polygama.</b> Flowers white, sweet scented. One of the best climbing plants .....	\$0 50
<b>Akebia quinata.</b> A curious climber, with fine foliage, purple flowers and ornamental fruit .....	35
<b>Ampelopsis quinquefolia</b> (Virginia Creeper). One of the finest vines for covering walls, verandas, or trunks of trees.....	35
<b>Ampelopsis Veitchii</b> (Boston Ivy). Too well known to need any description .....	35
<b>Aristolochia siphon</b> (Dutchman's Pipe). A rapid climber, with large, green foliage and pipe-shaped yellowish brown flowers .....	75
<b>Bignonia radicans</b> (Trumpet Creeper). A robust climber, with large trumpet-shaped scarlet flowers .....	35
<b>Bignonia radicans grandiflora.</b> Flowers salmon-colored .....	50
<b>Celastrus scandens.</b> A native climber, with large, glossy leaves, yellow flowers, producing clusters of orange-capsuled fruit..	35
<b>Clematis coccinea</b> (Virgin's Bower). Flowers scarlet, bell shaped	35
<b>Clematis flammula.</b> Flowers small, white, and very fragrant.....	35
<b>Clematis Henryi.</b> Large, creamy white flowers, free grower.....	50
<b>Clematis Jackmannii.</b> Large, velvety, violet purple flowers.....	50
<b>Clematis Madame E. Andre.</b> Flowers bright velvety red, large..	50
<b>Clematis paniculata.</b> A most desirable and beautiful vine, luxuriant grower, profuse bloomer, and possessing fine foliage. The flowers are white and fragrant, produced in great profusion in late summer .....	35
<b>Clematis Virginiana.</b> A rapid growing plant, producing an immense profusion of white flowers in August, followed by fluffy white seeds .....	35
<b>Euonymus radicans.</b> A grand evergreen creeping plant, with pretty, small dark green foliage. Useful plant for covering stone walls, stumps, or as an edging plant, for which purpose it can be kept closely clipped in the same manner as box...	25
<b>Euonymus radicans variegata.</b> A variegated form of the above..	25
<b>Jasminum humile.</b> Evergreen vine or trailer, with yellow flowers in the early spring .....	50
<b>Jasminum nudiflorum.</b> Produces multitudes of pale yellow flowers before the leaves appear .....	50
<b>Hedera canariensis</b> (Ivy). A well known evergreen vine, useful for covering walls or running up trunks of trees .....	25
<b>Lonicera Belgica</b> (Honeysuckle). Blooms all summer. Red and yellow flowers, very fragrant .....	35
<b>Lonicera flava.</b> A well known native vine, with yellow flowers..	35
<b>Lonicera Halleiana.</b> Almost evergreen, white flowers, changing to yellow. Very fragrant. The best for general purposes .....	35
<b>Lonicera reticulata aurea.</b> Foliage beautifully netted, or variegated, with yellow. A handsome variety .....	35
<b>Lonicera sempervirens.</b> Strong, rapid grower, with brilliant scarlet flowers. One of the best .....	35
<b>Periploca Graeca</b> (Silk Vine). A beautiful climber, with glossy green foliage and purple brown clusters of flowers.....	35
<b>Wistaria Sinensis.</b> The most elegant and rapid growing of all climbing plants, producing long clusters of blue flowers .....	50
<b>Wistaria Sinensis alba.</b> Same as above, flowers are pure white ..	50
<b>Wistaria fruticosa.</b> Not so vigorous as the Sinensis flowers. Pale blue, borne in short clusters.....	50
<b>Wistaria brachybotrys alba.</b> Shorter growth than above, producing many white pendent clusters of flowers.....	2 00
<b>Climbing Roses.</b> In many varieties. See Roses.	
Pot grown plants and large sized plants for immediate effect always in stock, at proportionate prices.	



**"PINK PEARL" (Manda).**

*(Meteor x Wichuraiana.)*

This Rose created a sensation when exhibited in Eden Musée at a show held by the American Rose Society, not only from professional men, but also from the general public and daily press, and was considered the gem of the show. It is a remarkable grower, with enormous, long shoots, well covered with large, leathery, thick, shiny foliage, which keeps mostly all through the winter. The flowers are produced from the ripened growths, with stems nine to twelve inches long, either singly or three to five in bunches. The bud is a beautiful rich crimson color, and when open the flower is perfectly double, of a beautiful pearl pink color, with a bright yellow protruding stigma standing up like a crown. The flowers are deliciously fragrant, and last a long time in perfection.

This Rose has received first-class certificates from the American Rose Society and numerous other awards.

## CLIMBING, TRAILING, AND VARIOUS ROSES.

This class of Roses can be used for covering walls, trellises, trees, stumps, rocks, steep banks and other purposes in landscape work, adding beauty and grace, especially the Wichuraiana section, which is here enumerated, but more fully described on next pages, also illustrated. Besides the stock quoted, we have large pot-grown specimens for immediate effect. Good 2-year-old plants, 50c. each; \$5.00 per doz.; \$35.00 per 100; or our selection, \$28.00 per 100.

**Baltimore Belle.** Blush flowers in clusters.

**Crimson Rambler.** Brilliant crimson clusters.

**Evergreen Gem.** Buff in bud, opening white trailing.

**Gardenia.** Bright yellow to cream color.

**Jersey Beauty.** Large single pale yellow flowers.

**Manda's Triumph.** Pure white, borne in clusters.

**Paul's Carmine Pillar.** Large single carmine flowers.

**Pink Pearl.** Strong grower, double pearl pink.

**Pink Roamer.** Rich pink, white centre, single.

**Psyche.** Delicate rosy pink.

**Queen of the Prairies.** Deep rose, vigorous grower.

**Reine Marie Henrietta.** Rich cherry crimson.

**Russell's Cottage.** Dark crimson, rapid grower.

**Seven Sisters.** Crimson, changing to white.

**Setigera.** Single shell, pink flowers.

**South Orange Perfection.** White, tipped with pink.

**Universal Favorite.** Rose colored, vigorous grower.

**Wichuraiana.** Pure white, single rose, trailing.

## VARIOUS ROSES.

**Crested Moss.** Rose colored, beautifully crested.

**Harrison's Yellow.** Fine golden yellow.

**Multiflora.** Single white, very floriferous.

**Persian Yellow.** Yellow, semi-double.

**Rugosa.** Deep rose, fine for hedges.

**Rugosa alba.** Pure white variety of above.

**Rugosa Madame Brant.** Semi-double, white clusters.

## HARDY AND HYBRID PERPETUAL ROSES.

Selected from thousands of varieties as the best for the American climate, and embracing all the best known sorts. We offer extra strong 2 and 3-year old plants that give the best satisfaction, and should not be compared with cheap second class stock. Fine dormant stock, 50c. each; \$5.00 per doz.; \$35.00 per 100. Our selection, \$28.00 per 100.

**Alfred Colomb.** Bright, clear, red full flower.

**Anne de Diesbach.** Clear rose, very free flowering.

**Baron Bonstetten.** Dark maroon red.

**Baroness Rothschild.** Fine flower, beautiful soft pink.

**Clio.** Flesh color, shaded deeper in centre.

**Coquette des Alps.** Pure white, tinged with pale blush.

**Coquette des Blanches.** Pure white, shell shaped petals.

**Duke of Edinburgh.** Bright scarlet crimson, shaded maroon.

**Francois Levet.** Fine, bright, clear rose.

**Fisher Holmes.** Rich velvety crimson.

**General Jacqueminot.** Bright crimson.

**General Washington.** Soft scarlet to glowing crimson.

**John Hopper.** Bright rose pink, very free.

**Jules Margot.** Brilliant carmine.

**Mabel Morrison.** Clear white, one of the best.

**Madame Plantier.** Pure white, borne in clusters.

**Magna Charta.** Bright rose color.

**Margaret Dixon.** Grand white, flushed with pink.

**Marshall P. Wilder.** Cherry carmine.

**Merveille de Lyon.** White shaded, delicate pink.

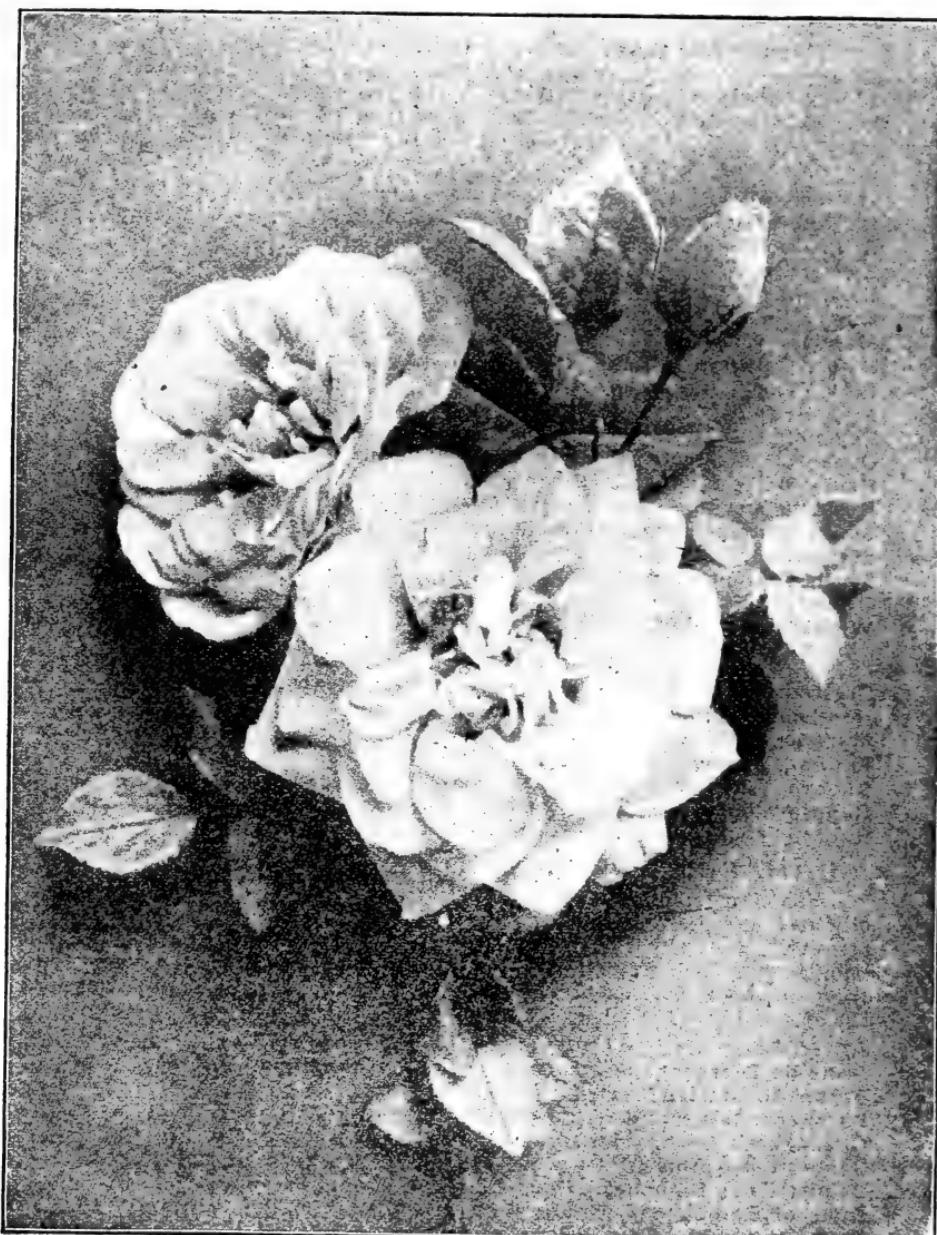
**Mrs. John Laing.** Clear pink.

**Paul Neyron.** Very large, deep cerise maroon.

**Prince Camille de Rohan.** Rich velvety maroon.

**Ulrich Brunner.** Clear bright crimson.

**Victor Verdier.** Bright rosy crimson.

**GARDENIA (Manda).**

(*Wichuraiana x Perle des Jardins.*)

Strong grower, with large green foliage. Flowers produced singly on stems one-half to one foot long. When in bud, hardly distinguishable from Perle, bright yellow, and when open cream color, three to three and a half inches in diameter, incurving toward evening to perfect imitation of Gardenia as to shape and color, hence its name. Flowers are delightfully fragrant, and produced freely. A grand Rose for any purpose.

## NEW HYBRID WICHURAIANA ROSES

(*Memorial Rose*).

The most remarkable improvement in creating a new and distinct type of HARDY ROSES that has been made for a generation. The growth is remarkable for its freedom, a single plant four years old, covering a space of 240 square feet, with long shoots, twelve to twenty-five feet in length, completely covering the ground with its bright, glossy foliage and showy, fragrant flowers. The foliage of all is leathery in texture, shining, and not only proof against insects, but evergreen; in some varieties, that is, keeping the foliage all winter—a characteristic in roses never before obtained.

The flowers are produced most profusely, of large size, very fragrant, and can be easily used for cut-flower purposes. The use of these roses will be unlimited—for trailing or covering ground where nothing else would grow, to cover roots, stumps and stems of trees, walls and trellises, for cut-flower purposes. All the following varieties exceed any other rose in hardiness, evergreen foliage, beauty and fragrance of their flowers.

	Each.	Doz.	100.
Nice 2-inch pot plants.....	\$0 15	\$1 50	\$8 00
Strong 1-year-old plants .....	25	2 50	15 00
Large 2-year-old plants .....	45	4 50	35 00
Extra 3-year-old plants .....	75	7 50	50 00

### CRIMSON ROAMER (*Manda*).

(*Bardou Job x Jersey Beauty*.)

Exhibited and certified by the American Rose Society, under "Improved Pink Roamer." This is a wonderful Rose that will displace the Pink Roamer, as it has better habits, closer and thicker foliage of leathery, shiny substance, while the flowers, with which the plant is entirely covered, are of the richest crimson red imaginable, with bright yellow stamens. It is a grand Rose for landscape purposes.

### WHITE STAR (*Manda*).

(*Jersey Beauty x Manda's Triumph*.)

Beautiful free-growing variety, with fine bronzy foliage. Single white flowers, with yellow stamens. This will be found a valuable Rose for landscape purposes.

### IMPROVED UNIVERSAL FAVORITE (*Manda*).

A distinct sport of this well-known variety sent out by me several years ago, with longer growths and the flower larger, more double, and better form; much brighter in color. Beautiful addition to this grand class of Roses.

### MANDA'S TRIUMPH (*Manda*).

This grand Rose is of free growth, luxuriant foliage, and produces large clusters of double pure white flowers, two inches in diameter, beautifully imbricated and well formed, very sweet scented.

### UNIVERSAL FAVORITE (*Manda*).

This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over two inches in diameter, and of a beautiful rose color, similar to the *Bridesmaid*, and deliciously fragrant. A grand variety for any purpose.

### SOUTH ORANGE PERFECTION (*Manda*).

This is a gem, growing freely close to the ground, and having multitudes of the most perfectly formed double flowers, about one and a half inches in diameter, soft blush pink at the tips, changing to white. It lasts a long time in perfection.



Flowers and Bud of New Single Evergreen Rose Jersey Beauty.

### **JERSEY BEAUTY (Manda).**

*(Wichuraiana x Perle des Jardins.)*

Extremely vigorous grower, foliage shiny, thick, of leathery substance. Flowers singly or in clusters of two to four, large, single, three inches in diameter, opening pale yellow, with clusters of bright yellow stamens, which give it a most striking appearance, fragrant, and produced in greatest profusion, covering the plant entirely, and having the appearance of a yellow Cherokee Rose.

**TEA, HYBRID TEA, AND EVERBLOOMING ROSES.**

Under this heading are gathered such Roses as will give a fine show of flowers all summer, same as greenhouse roses, yet with good covering of leaves, straw or any other dry material and few green boughs, the roots are hardy, and, after a good, hard pruning in the spring, they will push their shoots and flower all summer. We have a fine stock of this class of Roses in 2-year-old plants, and can furnish same at 50c. each; \$5.00 per doz.; \$35.00 per 100; or our selection, \$28.00 per 100.

**American Beauty.** Deep crimson color.

**Balduin.** Intense carmine crimson.

**Captain Christy.** Deep flesh color.

**Clothilde Souperf.** Pearl white to rosy pink.

**Corallina.** Deep coral red.

**Duchess of Albany.** Rich, deep pink.

**Etoille de Lyon.** Best of all yellow Roses.

**Gruss an Teplitz.** Bright scarlet, shaded crimson.

**Hermosa.** One of the best pink bedding roses.

**Kaiserin Augusta Victoria.** Creamy white, best outdoor variety.

**La France.** Fine satiny rose, highly recommended.

**Liberty.** Brilliant crimson.

**Maman Cochet.** Deep rose pink, very double.

**Marie Van Houtte.** Pale yellow, very floriferous.

**Meteor.** Rich dark velvety crimson.

**Madame Caroline Testout.** Brilliant satin rose.

**Mrs. Robert Garrett.** Light shade of pink.

**Mosella.** Canary yellow, shading to white.

**Papa Gontier.** Deep coral red, very free.

**Robert Scott.** Beautiful clear pink.

**Soleil d'Or.** Orange yellow to reddish gold.

**Souvenir de la Malmaison.** Creamy flesh color.

**Souvenir de President Carnot.** Rosy, shading to white.

**Snowball.** Pure white, very floriferous.

**White Maman Cochet.** White, shading to blush.

**GREENHOUSE ROSES.**

This is a complete list of all desirable varieties for culture under glass. As a rule, plants are planted out on benches in May or June to flower the coming fall and winter, out of two or three inch pots. If wanted to flower in pots, they should be potted on, so as not to check the growth of the plant. We can supply nice, strong, young plants at the prices quoted.

Strong 3-inch plants, \$1.75 per doz.; \$12.00 per 100. Grafted plants six cents each additional.

**American Beauty.** Deep crimson.

**Bride.** The finest of all white roses.

**Bridesmaid.** Clear pink.

**Bon Silene.** Coral red, free and sweet.

**Duchess of Albany.** Satiny rose, fragrant.

**Golden Gate.** Pale lemon, tipped blush pink.

**Gloire de Dijon.** Climber, blush, shaded salmon.

**Ivory.** Pure white, large flower.

**Kaiserin Augusta Victoria.** White shaded cream color.

**La France.** Soft satiny pink.

**Liberty.** Brilliant crimson.

**Madame Caroline Testout.** Lovely clear pink.

**Madame Hoste.** Lemon color, very free.

**Marechal Niel.** Climber, finest of all yellow roses.

**Meteor.** Deep crimson.

**Mrs. J. P. Morgan.** Pink and white.

**Mrs. R. Garrett.** Light shade of pink.

**Maid of Honor.** Beautiful light pink.

**Niphatos.** Pure white long bud.

**Papa Gontier.** Coral red, very free.

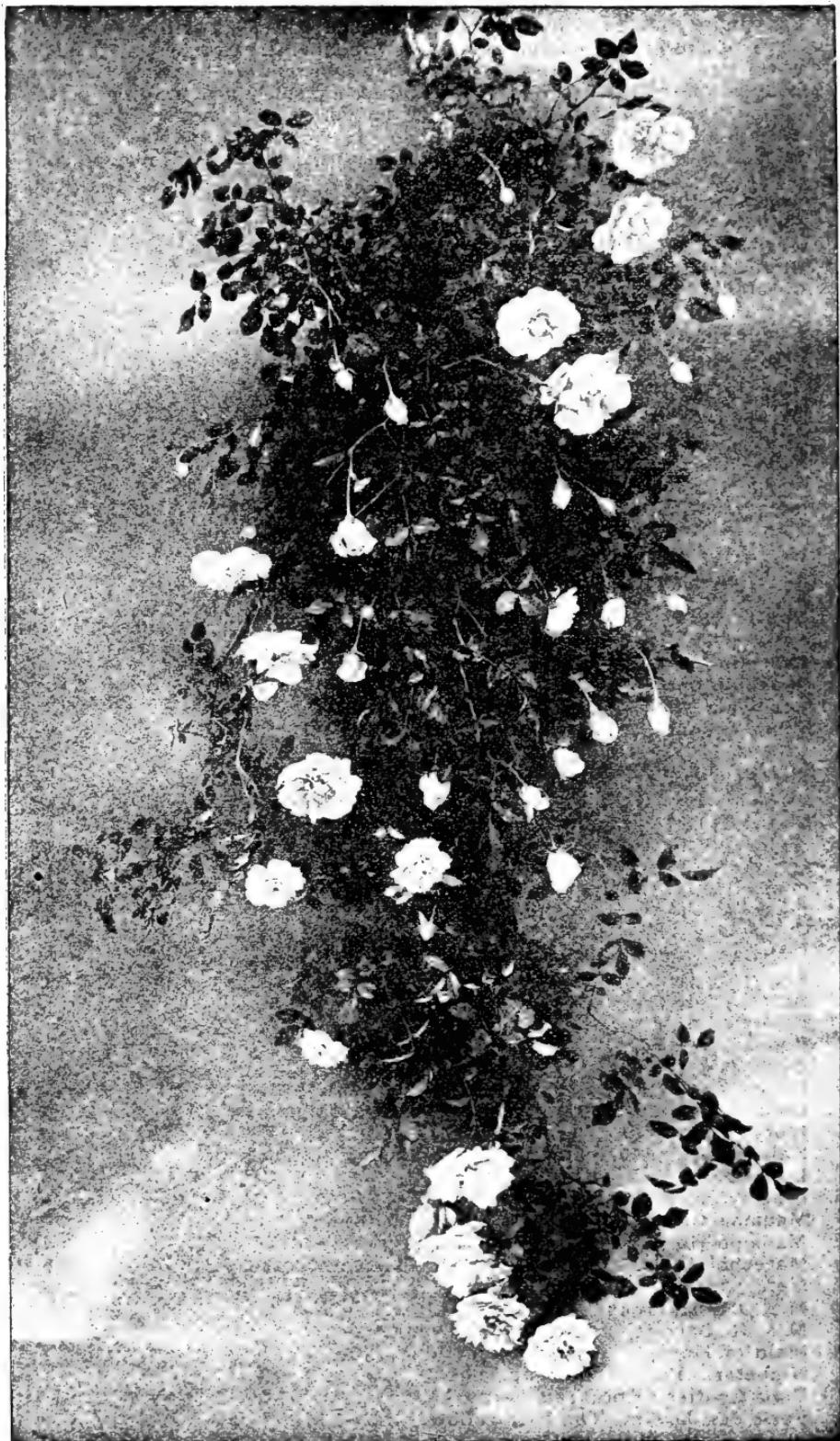
**Perle des Jardin.** The best yellow.

**Sunrise.** Reddish gold.

**Sunset.** Deep apricot color.

**Souvenir de Wotten.** Cherry crimson, very sweet.

**Souvenir de President Carnot.** Ivory white, shaded pink.



SPRAY OF NEW ROSE EVERGREEN GEM.

**PINK ROAMER (Manda).**

This is without question a hybrid of the *Sweetbrier*, and carries its characteristics in bloom, while the growth, which is very rampant, and the luxurious foliage, partake more of the *Wichuraiana*. The single flowers, which are produced in close heads, are nearly two inches in diameter, bright rich pink, with almost a white centre, which lightens up the orange-red stamens, producing an effect which, combined with fragrance, makes it one of the most valuable Roses in cultivation.

**EVERGREEN GEM (Manda).**

(*Wichuraiana x Madame Hoste*.)

The most wonderful grower of the set, not only evergreen, but growing during mild weather in winter. Stems long branching, covering the ground closely. Foliage fine rich bronze color, closely matted. Flowers produced singly on stems, yellow, buff in bud, opening to almost white, two or three inches in diameter, perfectly double, and of a delightful Sweetbrier fragrance. This will be found most valuable for landscape work.

**POMPON CHRYSANTHEMUMS.**

These old-fashioned plants are again the favorites of the day on account of their great beauty in the late autumn, being the last flowers to brighten the garden long after the first frost has cut down all summer vegetation. For landscape effect they are very important, as the color of the flowers blends so well with the autumn tints of trees and shrubs. If wanted for house decoration, lift the plants early in September and pot same. After they are established they can be brought in the house. Price 15c. each; \$1.50 per doz.; \$10.00 per 100.

**Ada.** Deep clear yellow.

**Acto.** Bright rose, Dahlia-like petals.

**Aileen.** Deep lilac pink.

**Agnes C.** Light shaded bronze.

**Amelia.** Blush pink tipped with clear yellow.

**Angelique.** Pure white high built flower.

**Canova.** Deep orange bronze.

**Caritas.** Blush, shaded with deeper pink.

**Delicatissima.** Outer petals light pink, centre wine color.

**Edna.** White, with pink shadings, yellow centre.

**Elberta.** Deep clear yellow.

**Ethel.** Fine flower, blush white

**Golden Circle.** Bright gold color.

**Golden Trevenna.** Soft yellow, very dwarf.

**Grace Darling.** Pink fringe, yellow centre.

**Gallia.** Clear soft pink.

**Jeanevieve.** Blush pink large flower.

**Jersey Beauty.** Fine clear yellow.

**Julia.** Deep reddish color.

**La Paranace.** Delicate pink, one of the best.

**La Purite.** Pure white.

**Little Pet.** Deep orange yellow.

**Lune Fleuri.** Yellow button shaped.

**Magnificus.** Large pure white.

**Maid of Kent.** One of the best white varieties.

**Manila.** Anemone flowered, deep red yellow centre.

**Mildred.** Anemone flowered, pure white, blush edges.

**Mizpah.** Daisy-like, bright rose color.

**Mr. Astie.** Bright yellow, quilled centre.

**Mrs. Wyness.** Fine pink, quilled centre.

**Oneita.** Bright clear yellow.

**Prosperity.** The finest pure white.

**Santiago.** Deep bronze red.

**St. Crouts.** Deep copper bronze.

## CARNATIONS.

Of this most popular flower of the day, we list only the very best favorites that combine good size of flower, fragrance, keeping qualities and productiveness. Even these vary considerably on account of soil and treatment they receive. We can supply any other variety not listed at market prices. For new Carnations, see our Novelty List, giving description and price. Price quoted is for strong rooted cuttings. Plants from 2 inch pot, \$2.00 per 100 more.

*Per 100*

After Glow.	Bright glistening pink.....	\$ 8 00
Aristocrat.	Large flower, cerise pink color.....	5 00
Beacon.	Bright scarlet, best of its color.....	5 00
Enchantress.	The most beautiful soft pink variety.....	5 00
Golden Beauty.	Clear, light yellow red markings.....	5 00
Lawson.	Fine cerise pink, celebrated variety.....	5 00
Mrs. Patten.	White variegated with pink.....	5 00
Pres. Seelye.	Fine white variety.....	8 00
Sarah Hill.	Very large, pure white.....	8 00
Rose Pink Enchantress.	Fine sport, as its name implies.....	5 00
Splendor.	Darker than Joost, free grower.....	8 00
Winona.	Fine shade of pink.....	8 00
Windsor.	Beautiful silvery pink color.....	5 00
White Enchantress.	White form of this celebrated sort.....	5 00
White Perfection.	The largest and finest white variety.....	5 00

## CHRYSANTHEMUMS.

Under this heading you will find a list of carefully selected varieties for exhibition or cut flower purposes. Most of them winners of prizes at the late shows. We have many other meritorious varieties too numerous to describe, and can supply you with any sorts in cultivation should you desire same. For description and prices of new varieties, see Novelty Catalogue. Price, 15 cents each; \$1.50 per doz.; \$10.00 per 100.

A. J. Balfour.	Fine pure pink flower.
Ben Wells.	Very large flower; soft flesh color.
Black Hawk.	Very deep crimson; distinct.
Beatrice May.	Splendid white variety.
Col. D. Appleton.	One of the best large yellow.
Cheltoni.	Pure yellow, graceful form.
C. Montingny.	Lemon-yellow, large flower.
Chas. Weeks.	Salmon and red colors.
D. Goldsmith.	Bronzy-yellow; one of the largest flowers.
Dr. Enguehardt.	The best pure pink incurved.
Dub. Foubert.	Deep yellow flower of unique form.
F. S. Vallis.	The largest yellow Chrysanthemum.
Golden Glow.	The finest early yellow variety.
Grace Whitey.	Enormous pink, dwarf grower.
Glory of the Pacific.	One of the best large early pink.
Lady Hopetoun.	Heliotrope pink; largest of its color.
Lynnwood Hall.	Pure white, large and fine.
Mrs. H. Robinson.	Fine, large white; very early.
Mrs. A. H. Lee.	Rich glowing crimson; free grower.
Mrs. A. T. Miller.	Pure white, large flower.
Mrs. D. V. West.	Very large exhibition white.
Mrs. W. Duckham.	Golden yellow, striped red.
Mrs. John E. Dunne.	Old rose, very large flowers.
Mrs. Coombs.	Fine early pink variety.
Mrs. Geo. Beach.	Fine, late yellow.
Mrs. Norman Davis.	Magnificent white flower.
Maud Dean.	Fine, late variety pink.
Mary Mann.	Pink of beautiful shape.
Monrovia.	One of the best early yellow.
Major Bonnafon.	Bright yellow, fine form.
Mlle. Nonin.	Very late, pure white.
Marion Henderson.	Very early, bright yellow.
Miss Clay Frich.	Fine large midseason white.

Miss M. Hankey. Very late deep pink.  
 Merza. One of the best white in cultivation.  
 Morton F. Plant. Very large, fine pink flower.  
 Nagoya. Late, yellow, good.  
 Nellie Pickett. Creamy white, large flower.  
 October Frost. Very early, white variety.  
 Virginia Poehlmann. Large, early, white, fine.  
 Timothy Eaton. Very large, incurved white.  
 Winter Cheer. Beautiful incurved pink.  
 W. J. Crossley. Bright crimson.  
 W. Duckham. Large incurved pink flower.  
 Yellow Eaton. Large massive yellow.  
 W. H. Chadwick. Late, large, white.  
 Price any of the above 15 cents each, \$1.50 per doz., \$10.00 per 100.

## WATER AND BOG PLANTS.

Never were aquatics appreciated more than they are at the present time. During the past season this branch of floriculture has formed the centre of attraction in the public gardens and at public exhibitions throughout the country.

	Each.
<i>Acorus Calamus</i> (Sweet Flag). Leaves light green .....	\$0 20
<i>Acorus Japonica</i> variegata. One of the finest.....	25
<i>Aponogeton distachyon</i> (Cape Pond Weed). Sweet.....	50
<i>Arundo donax</i> . For marshy situation, hardy.....	25
<i>Arundo donax</i> variegata. Magnificent, hardy.....	35
<i>Bambusa Metake</i> . Entirely hardy, graceful.....	50
<i>Cyperus alternifolius</i> . Very ornamental variety.....	25
<i>Cyperus gracilis</i> . Fine compact. Dwarf plant.....	25
<i>Cyperus papyrus</i> (Egyptian Paper Plant) .....	50
<i>Calla palustris</i> (Water Arum or American Calla).....	25
<i>Caltha palustris</i> . Hardy, yellow flowers.....	20
<i>Hibiscus moscheutos</i> . Large white and pink flowers.....	25
<i>Iris Kaempferi</i> (Japan Iris). Hardy and free flowering.....	20
<i>Limnocharis Humboldtii</i> (Water Poppy). Yellow.....	15
<i>Lobelia Cardinalis</i> (Cardinal flower). Scarlet.....	20
<i>Menyanthes trifoliata</i> (Buckbean). White flower.....	20
<i>Myriophyllum Proserpinacoides</i> (Parrot's Feather).....	15
<i>Nelumbium luteum</i> (American Lotus). Pale yellow.....	1 00
<i>Nelumbium speciosum</i> (Egyptian Lotus). A most desirable aquatic .....	2 00
<i>Nymphaea alba</i> . Hardy, pure white flowers.....	1 00
<i>Nymphaea candidissima</i> . Hardy, one of the best.....	1 00
<i>Nymphaea coerulea</i> . Fine species, with blue flowers.....	1 00
<i>Nymphaea Devoniensis</i> . Tender, rosy red flowers.....	1 00
<i>Nymphaea candida</i> . Hardy, white, from Bohemia.....	1 00
<i>Nymphaea Marliacea chromatella</i> . Hardy, yellow .....	75
<i>Nymphaea odorata</i> . Hardy, fragrant white lily.....	25
<i>Nymphaea odorata rosea</i> . Hardy, deep pink flowers.....	1 00
<i>Nymphaea odorata minor</i> . Hardy, small white flowers.....	25
<i>Nymphaea pygmaea</i> . Hardy, miniature flowers.....	50
<i>Nymphaea rubra</i> . Tender, very strong growing.....	1 00
<i>Nymphaea Sturtevantii</i> . Bright rosy red flowers.....	2 50
<i>Nymphaea scutifolia</i> . Tender, large bright blue, free.....	1 00
<i>Nymphaea tuberosa</i> . Hardy, white fragrant flowers.....	25
<i>Nymphaea Zanzibarensis</i> . Tender, blue flowers.....	1 00
<i>Ouvirandra fenestralis</i> (Lattice Leaf Plant).....	5 00
<i>Pontederia crassipes major</i> (Water Hyacinth).....	15
<i>Pontederia cordata</i> . Hardy, native species.....	35
<i>Pistia stratiotes</i> (Water Lettuce). Very ornamental.....	20
<i>Peltandra Virginica</i> (Water Arum). Greenish flowers.....	20
<i>Sagittaria Montevidensis</i> (Giant Arrowhead). Massive.....	20
<i>Sagittaria Japonica</i> fl. pl. White flowers.....	25
<i>Sarracenia Drummondii</i> . Variegated foliage .....	25
<i>Sarracenia flava</i> (Trumpet Leaf). Yellow flowers.....	25
<i>Sarracenia purpurea</i> (Pitcher Plant). Deep purple.....	20



HEMEROCALLIS KWANSO FL. PL.

For description see page 45.

## BULBS FOR SPRING PLANTING.

There is no class of plants with which there can be made such a display (for so small an outlay) as with bulbs; while they hardly require any care to grow them to perfection. Below will be found a special low offer:

### BEGONIA, TUBEROUS-ROOTED.

Fine flowering plants for greenhouse or conservatory, also doing well when planted outside in a sheltered position. The flowers are single and double and of innumerable shades of color.

	Each.	Doz.	100.
Double varieties, mixed, fine strain.....	\$0 20	\$2 00	\$15 00
Double and Single, fine mixed.....	15	1 50	12 00
Single Yellow, Red, Rose, and White.....	15	1 50	12 00

### LILIES.

These are the noblest of all the bulbous plants; graceful and imposing in habit, with showy, large, sweet-scented flowers of pure and chaste colors. They are invaluable in borders among **Shrubby** or planted between **Rhododendrons** or **Hardy Azaleas**.

	Each.	Doz.
Lilium auratum (The Golden Banded Lily of Japan). Very fine bulbs .....	\$0 20	\$2 00
Lilium Longiflorum. Fine white.....	15	1 50
Lilium speciosum. Fine pink variety.....	20	2 00
Lilium speciosum album. Beautiful white form.....	20	2 00
Lilium speciosum roseum. Flowers deep rose.....	20	2 00
Lilium tigrinum splendens. Fine red flowers.....	15	1 50

### VARIOUS BULBS.

	Each.	Doz.
Caladium esculentum. Massive .....	\$0 15	\$1 50
Calla, White. The white Calla Lily .....	20	2 00
Calla, Spotted. Variety with spotted leaves.....	15	1 50
Dahlia. Mixed varieties .....	15	1 50
Gloxinia, fine bulbs. Extra fine varieties.....	25	2 50
Hyacinthus candidans. White flower spikes.....	8	75
Madeira Vine (Climbing Mignonette) .....	5	50
Oxalis Deppeii. Rosy white, fine.....	5	25
Oxalis, mixed colors. Extra fine varieties .....	5	25
Tigridia conchiflora (Mexican Shell Flower). Yellow.....	5	50
Tigridia grandiflora alba. White, yellow cup, spotted...	10	1 00
Tigridia grandiflora rosea. Bright rose.....	50	5 00
Tigridia Pavonia. An extra fine variety.....	5	50
Tuberose. Dwarf Pearl. White, double, \$4.00 per 100...	10	75
Tuberose. Variegated foliage. Showy.....	20	2 00
Tuberose. Albino. Single branching.....	25	2 50

### DAHLIAS.

Following is the list of the best up-to-date varieties of the old-time favorites now again popular.

#### *Show and Fancy Dahlias.*

Price of any variety 20 cents each; \$2.00 per doz.; \$12.00 per 100.

- A. D. Lavoni. Soft pink, extra fine.
- Arabella. Sulphur and pink, edged white, free.
- Cuban Giant. Dark crimson, very large.
- Fascination. Rose pink, extra fine, large.
- Golden Age. Pure sulphur yellow, large.

**Highland Mary.** Pink and white, free; medium size.  
**Imperial.** Deep purplish maroon, extra fine.  
**John Thorpe.** Deep pink, very large.  
**Lucy Faucett.** Pale yellow, striped deep pink.  
**Mrs. Dexter.** Deep salmon, full.  
**Miss Miller.** Pale lemon, shaded darker.  
**Meteor.** Bright red, very large; fine and full.  
**Margaret Bell.** Deep pink.  
**Orator.** Salmon buff, large and full.  
**Puritan.** White, striped maroon.  
**Princess Bonnie.** Light lemon, almost white.  
**Queen Victoria.** Canary yellow, extra.  
**Storm King.** Pure white, large.

### *Cactus Dahlias.*

**Arab.** Rich velvety maroon.  
**Brumhilda.** A rich deep plum, fine form.  
**Beatrice.** Pale rose; large, fine.  
**Brightness.** Bright, fiery scarlet, fine.  
**Dr. Jameson.** Deep crimson, extra fine.  
**Island Queen.** Light mauve, extra fine form.  
**Keynes White.** Pure white, fine.  
**Kriemhilde.** Beautiful pink and salmon; the best.  
**Libelle.** Clear magenta, an extra fine form.  
**Mrs. Chas. Turner.** Clear, soft yellow; large.  
**Mrs. Barnes.** Pale primrose.  
**Mrs. Scrasse Dickens.** Rich golden yellow.  
**Mary Service.** Pinkish apricot, fine.  
**Primrose Dame.** A clear yellow, fine.

### *Decorative Dahlias.*

**Catherine Duer.** Beautiful, glowing red.  
**Beauty of Brentwood.** Purple, striped maroon.  
**Clifford W. Bruton.** Bright yellow.  
**Countess of Pembroke.** Pure lavender.  
**Dolly.** Flesh, tipped pink.  
**Lockenkoff.** Orange, veined vermillion.  
**Lindhurst.** Fiery scarlet, fine.  
**Mary Hillier.** Salmon.  
**Miss Geo. Reed.** Rose, lilac tips.  
**Maid of Kent.** Cherry red, tipped white.  
**Rayon d'Or.** Rich orange, tipped white.  
**Wm. Agnew.** Red, very large and showy.

### *Pompon Dahlias.*

**Alewine.** Delicate pink, tinted lilac.  
**Ariel.** Orange buff.  
**Bobby.** Plum color.  
**Fairy Queen.** Sulphur, edged pink.  
**Fascination.** White, pink and lavender.  
**Fashion.** Bright orange.  
**H. C. Winters.** Pale fawn.  
**Lady Blanche.** Pure white.  
**Little Bessie.** Cream white, fine.  
**Mable.** Salmon pink.  
**Pure Love.** Pure lilac.  
**Prince Charming.** Cream, tipped purple.  
**Red Indian.** Deep coral red.  
**Snow Clad.** Small white, free.  
**Star of the East.** Clear white, long stems.  
**Vivid.** Scarlet.  
**Century Single Dahlias.** Five colors.  
 Price any of the above 20 cents; \$2.00 per doz.; \$12.00 per 100.

## CANNAS.

The following list comprises the very best kinds in cultivation which are arranged to color to facilitate selection. Cannas are considered as the best tall bedding plants, either for solid beds, borders, isolated specimens or subtropical effects. Price of any of the varieties 15 cents each; \$1.25 per doz.; \$8.00 per 100. Dormant roots. Grown pot plants \$15.00 per 100.

### *Red Flowering Varieties.*

**Alphonse Bouvier.** Five feet high, large panicles, deep crimson.  
**Black Prince.** Four feet high, flowers very large, darkest red.  
**Beaute Poitevine.** Three feet high, flowers rich, dark crimson.  
**Crimson Bedder.** Three feet high, lasting flowers, crimson-scarlet.  
**Chas. Henderson.** Four feet high, produces crimson-scarlet flowers.  
**Express.** Three feet high, fine bedder, scarlet-crimson flowers.  
**Duke of Marlboro.** Five feet high, large grower, crimson-maroon.  
**President McKinley.** Four feet high, fine bedder, crimson-scarlet.  
**Secretary Chabanne.** Four feet high, fine trusses orange-scarlet.

### *Red and Yellow Flowering Cannas.*

**Madame Crozy.** Three feet high, crimson-scarlet edged golden yellow.  
**Premier.** Two feet high, crimson red bordered golden yellow.  
**Sam Trelease.** Two feet high, bright scarlet, broad yellow markings.  
**Niagara.** Three feet high, deep crimson, irregular golden markings.  
**Queen Charlotte.** Three feet high, orange-scarlet deeply bordered pale yellow.

### *Yellow Flowering Cannas.*

**Buttercup.** Four feet high, pure yellow, very fine bedder.  
**Coronet.** Five feet high, bright yellow slightly spotted red.  
**Comte de Bouchard.** Four feet high, lemon yellow spotted scarlet.  
**Florence Vaughan.** Four feet high, golden yellow spotted red, fine.

### *Orchid Flowering Cannas.*

**Austria.** Six feet high, flowers pure canary yellow, eight inches across.  
**Allemania.** Six feet high, flowers bright red margined with yellow.  
**Burbank.** Five feet high, rich canary yellow, large flowers.  
**Italia.** Six feet high, flowers bright scarlet with yellow edge.  
**King Humbert.** Five feet high, bronzy foliage, flowers large brilliant orange-scarlet.  
**Mrs. Kate Gray.** Seven feet high, flowers large, scarlet overlaid gold.  
**Pennsylvania.** Six feet high, flowers vermillion scarlet overlaid orange.

### *Pink Flowered Cannas.*

**Martha Washington.** Two feet high, flowers large, bright rose.  
**Rosemawr.** Three feet high, flowers of exquisite pink.  
**Louise.** Five feet high, flowers large deep rose-pink streaked red.  
**Paul Marquant.** Three feet high, flowers salmon changing to pink.  
**West Grove.** Four feet high, flowers large coral pink, glistening.

### *Ornamental Foliage Cannas.*

**Black Beauty (Manda).** Four feet high, best dark-leaved, variety.  
**Bronze Queen.** Four feet high, bronze-red foliage, orange-scarlet flowers.  
**Egandise.** Four feet high, foliage maroon, flowers cherry red.  
**Brandywine.** Four feet high, bronze foliage, large, red flowers.  
**Metallica.** Five feet high, foliage dark color, flowers bright scarlet.  
**Robusta.** Eight feet high, metallic foliage, fine for subtropical effect.  
**Shenandoah.** Four feet high, ruby red foliage, flowers waxy rose pink.  
- Price of all above 15 cents each; \$1.25 per doz.; \$8.00 per 100.  
Dormant roots, grown pot plants. \$15.00 per 100.

## GLADIOLUS.

Indispensable for planting in Shrubberies or Rose Beds, as they are a mass of bloom long after the above have passed, thus livening up what would be a dull aspect.

	Per 100
<b>Augusta.</b> Pure white, with blue anthers.....	\$3 50
<b>Brenchleyensis.</b> Bright vermillion scarlet.....	2 00
<b>Ceres.</b> Pure white, spotted with purplish rose.....	2 50
<b>Isaac Buchanan.</b> Very fine yellow.....	7 50
<b>John Bull.</b> White, slightly tinged with sulphur.....	4 00
<b>Lamarck (de).</b> Cherry, orange red and white.....	4 00
<b>May.</b> A fine white flower flaked rosy.....	3 50
<b>Octoroon.</b> Salmon pink, with light purple blotches.....	5 00
<b>Pactole.</b> Beautiful yellow, tinged rose.....	7 50
<b>Reine Blanche.</b> Pure white; dark carmine blotch.....	5 00
<b>Shakespeare.</b> White, suffused carmine-rose.....	7 50

## GLADIOLUS CHILDSII.

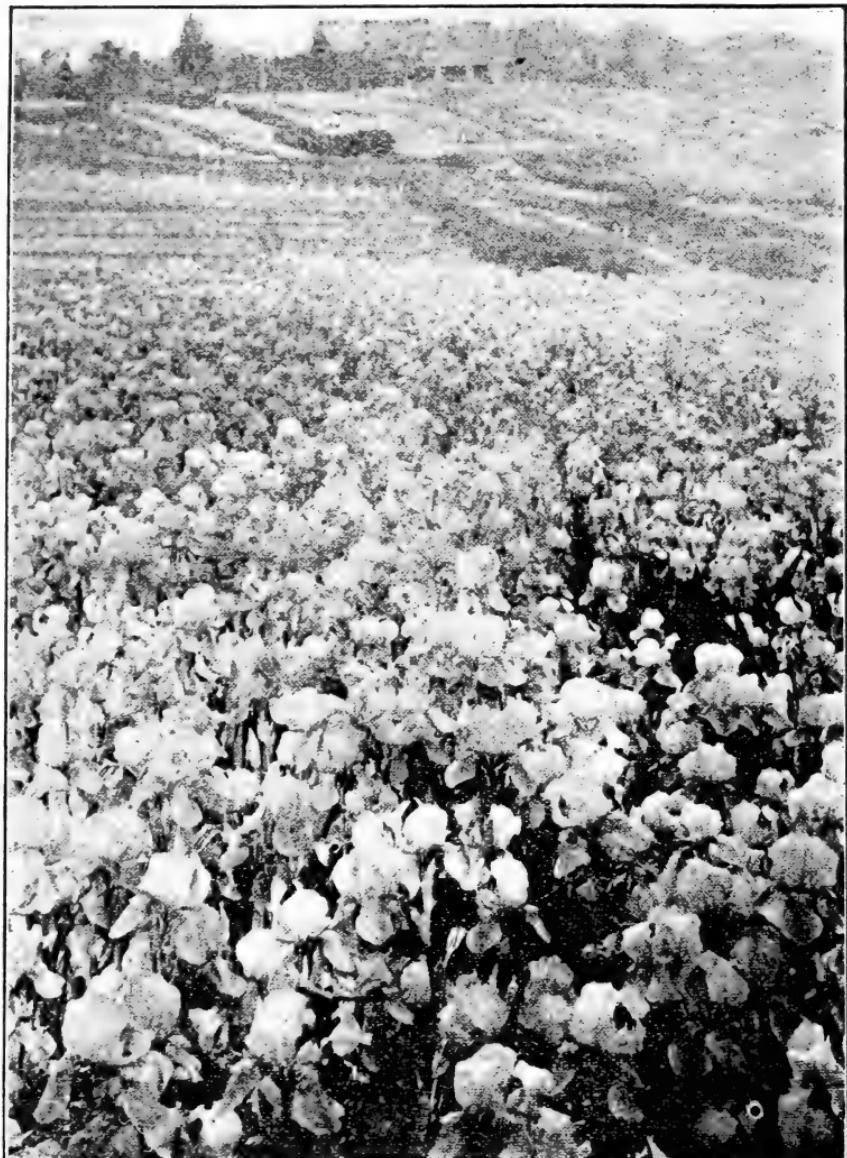
	Per 100
<b>Boston.</b> Flaming orange scarlet, with large white throat.....	\$6 00
<b>Bowdoin.</b> Orange scarlet, with large white throat.....	7 00
<b>Columbia.</b> Light orange scarlet, blotched.....	3 00
<b>Florida.</b> Deep dark red, very early.....	3 00
<b>Mrs. Beecher.</b> Deep crimson, white throat.....	7 50
<b>Mrs. W. N. Bird.</b> Lilac rose, crimson-white mottlings.....	7 50
<b>Nezinscott.</b> Bright blood scarlet velvety.....	7 50
<b>Splendor.</b> Rose, magenta stains.....	8 00

## GLADIOLUS LEMOINES HARDY HYBRIDS.

	Per 100
<b>Admiral Pierre.</b> Dark carmine, red and maroon purple.....	\$4 00
<b>Edison.</b> Combination of rich colors.....	4 50
<b>Enfant de Nancy.</b> Dark crimson.....	3 50
<b>Entendard.</b> Brick red, canary and crimson.....	5 00
<b>F. Bergmon.</b> Orange-pink with carmine stains.....	3 50
<b>Incendiary.</b> Fiery red, large blotch of crimson.....	3 50
<b>Keteler.</b> Salmon-scarlet, crimson and light lemon.....	4 50
<b>Lafayette.</b> Yellowish salmon, crimson blotches.....	4 50
<b>Lamarck.</b> Salmon, crimson and yellow spots.....	4 00
<b>Mme. Lemoinier.</b> Pure white with lemon tints.....	2 50
<b>Vashti.</b> Creamy white, carmine blotches.....	3 50

## VARIOUS GLADIOLI.

	Per 100
<b>Groffs Hybrids.</b> A fine assortment of colors.....	\$2 00
<b>Lemoine Seedlings.</b> Saved from best varieties.....	2 00
<b>Childsii Seedlings.</b> Grown from best types only.....	2 00
<b>Gandavensis Seedlings.</b> Comprising all the best.....	2 00
<b>Mixture red and crimson.</b> All rich colors.....	1 50
<b>Mixture white and light.</b> Dainty soft colors only.....	2 50
<b>Mixture yellow and orange.</b> Bright colors.....	4 00
<b>Mixture No. 1, Extra Choice, varieties only.</b> -	1 50
<b>Manda's Mixture</b> of all sorts and colors; the best.....	2 50
<b>Colvillei.</b> Flowers fine pink color, early bloomer.....	1 25
<b>Colvillei, The Bride.</b> Fine white flower for forcing.....	1 25



**BED OF IRIS (Fleur de Lis).**

For description see page 47.

(Showing the effect of hardy plants when massed.)

## HARDY HERBACEOUS PLANTS.

These are the old-time favorites found in every old-fashioned garden—plants that have been neglected for a number of years, but which of late are receiving again the proper recognition due them on account of their many good qualities.

In the first place, they are inexpensive plants, not only in their original cost, but considering that when once planted they grow and increase from year to year, while the cost of maintenance is very slight.

With a good assortment of Hardy Perennials a continuous show of flowers can be kept from the early spring until the frost cuts down all vegetation. With a judicious selection of these plants, not only can flower beds and borders be made attractive, but when proper kinds are chosen the ponds and marshes can be turned into objects of admiration. Barren rocks and sand hills alike can be made beautiful, while, if planted in an informal, careless way, the pleasing effect of a wild garden is produced.

**CULTURE.**—The best time for planting Hardy Herbaceous Plants is from March to May, and from September to November. They require good, rich loam to grow them to perfection, while if the soil is perfectly drained, no protection is needed in the winter, with the exception of a slight cover to prevent the sudden thawing and freezing.

In the following list, only such varieties are given as we have found from long experience to be of real merit. To save our customers trouble, we have added numerous collections of our own selection for different purposes, and which we strongly recommend.

### Dozen plants at price of ten.

Each.

<i>Achillea millefolia rubra.</i>	Pretty rose colored flowers.....	\$0 20
<i>Achillea serrata plena.</i>	"The Pearl." Pure white.....	15
<i>Achillea tomentosa.</i>	Fine for rockwork, yellow.....	20
<i>Agrostemma coronaria</i> (Rose Campion).	Pink flowers.....	20
<i>Ajuga Genevensis.</i>	Suitable for rockwork.....	15
<i>Ajuga reptans.</i>	Blue flowers, compact grower.....	15
<i>Althaea rosea.</i>	Fine double varieties. All colors.....	25
<i>Althaea rosea</i> (Hollyhock).	Single, extra fine varieties.....	20
<i>Alyssum saxatile compactum.</i>	Yellow flowers, early.....	15
<i>Anemone Japonica.</i>	Flowers beautiful rose, in autumn.....	20
<i>Anemone Japonica alba.</i>	A white form of the above.....	20
<i>Anemone Japonica rosea.</i>	A beautiful pink variety.....	25
<i>Anemone Japonica Whirlwind.</i>	Double white.....	25
<i>Anemone Pennsylvanica.</i>	Pretty white flowers.....	15
<i>Anemone sylvestris.</i>	Pure satiny, white flowers.....	25
<i>Aquilegia Canadensis.</i>	Scarlet and yellow, early.....	15
<i>Aquilegia chrysantha.</i>	Bright primrose yellow.....	20
<i>Aquilegia hybrids, finest assorted.</i>	The very best varieties.....	20
<i>Aquilegia vulgaris alba.</i>	White flowers, useful.....	15
<i>Arabis albida</i> (Rock Cress).	Fine rock plant.....	15
<i>Armeria cephalotes.</i>	A very beautiful variety.....	25
<i>Armeria maritima</i> (Sea Pink).	Pretty rose flowers.....	20
<i>Armeria plantaginea.</i>	Broad foliage, rose flowers.....	25
<i>Artemisia Abrotanum</i> (Old Man).	Shrubby plant.....	20
<i>Artemisia Ludoviciana.</i>	A trailing species, silvery foliage.....	15
<i>Artemisia pontica.</i>	Well adapted for carpet bedding.....	10
<i>Arundo donax.</i>	Tall, stately glaucous leaves.....	25
<i>Arundo donax</i> fol. var.	Beautifully variegated leaves.....	35
<i>Asclepias tuberosa</i> (Butterfly Weed).	Orange red flowers.....	20
<i>Aster.</i> Many varieties for wild gardens.	The best sorts only.....	10
<i>Aster Nova Angliae.</i>	Purple with orange centre.....	15
<i>Baptisia australis.</i>	Tall plant, blue flowers.....	25
<i>Bocconia cordata.</i>	Large cordate leaves.....	15
<i>Boltonia asteroides.</i>	Tall, mass of white flowers.....	15
<i>Boltonia latisquama.</i>	Flowers of beautiful blue color.....	15

	Each.
<b>Campanula (Harebell) Carpatica.</b> Bluebell-shaped flowers . . . . .	\$0 20
<b>Campanula Medium (Canterbury Bell).</b> Choice, mixed . . . . .	20
<b>Campanula persicifolia.</b> Flowers pale blue, useful . . . . .	15
<b>Campanula persicifolia alba.</b> A white variety of above . . . . .	20
<b>Campanula pyramidalis.</b> An effective plant . . . . .	20
<b>Cassia Marylandica (Senna).</b> Yellow flower . . . . .	25
<b>Chrysanthemum, Hardy Garden,</b> in 25 varieties . . . . .	15
<b>Clematis integrifolia.</b> Bells of blue flowers . . . . .	35
<b>Clematis recta.</b> Upright white Clematis. Fine . . . . .	35
<b>Clematis.</b> Other varieties, see Vines.	
<b>Convallaria majalis</b> (Lily of the Valley). Clumps . . . . .	25
<b>Coreopsis delphinifolia.</b> Compact plant, yellow flowers . . . . .	25
<b>Coreopsis Harvest Moon.</b> Bright golden yellow . . . . .	15
<b>Coreopsis lanceolata.</b> Bright golden flowers, excellent . . . . .	15
<b>Coreopsis rosea.</b> Flowers rose color, with yellow disc . . . . .	15
<b>Delphinium formosum (Larkspur).</b> Rich blue, tinged purple . . .	20
<b>Delphinium hybrid</b> (assorted varieties). Extra fine sorts . . . . .	20
<b>Delphinium Sinense</b> (assorted varieties). Dwarf, free flowering .	15
<b>Desmodium penduliflorum.</b> Late Flowering plant . . . . .	25
<b>Dianthus barbatus (Sweet William).</b> Flowers various colors . . .	15
<b>Dianthus plumarius plenus.</b> Double, garden pink . . . . .	20
<b>Dianthus plumarius albus.</b> White form . . . . .	20
<b>Dianthus superbus.</b> A very handsome variety . . . . .	20
<b>Dicentra eximia.</b> Rose colored flowers . . . . .	20
<b>Dicentra spectabilis (Bleeding Heart).</b> Flowers heart-shaped . . .	20
<b>Dictamus Fraxinella.</b> Fine spikes of purple flowers . . . . .	35
<b>Dictamus Fraxinella alba.</b> White variety of above . . . . .	35
<b>Digitalis purpurea</b> (Foxglove). Ornamental, in varieties . . . . .	15
<b>Echinacea purpurea.</b> The purple Cone Flower . . . . .	25
<b>Echinacea purpurea hybrida.</b> Fine varieties of above . . . . .	35
<b>Eryngium amethystinum.</b> A grand plant for shrubberies . . . . .	15
<b>Eulalia Japonica fol. var.</b> Tall ornamental grass . . . . .	25
<b>Eulalia Japonica Zebrina.</b> Variety with small striped foliage .	25
<b>Eulalia univittata (gracilis).</b> Compact plant . . . . .	25
<b>Euonymus radicans arboreus.</b> Upright form, desirable . . . . .	25
<b>Euonymus radicans.</b> Fine evergreen creeper . . . . .	15
<b>Euonymus radicans fol. var.</b> Fine variegated form . . . . .	15
<b>Euphorbia corollata</b> (Flowering Spurge). Fine for cutting . . .	20
<b>Festuca glauca.</b> Dwarf blue grass . . . . .	25
<b>Funkia cordata</b> (Day Lily). Leaves ovate, flowers blue . . . . .	20
<b>Funkia grandiflora.</b> Flowers pure white, large . . . . .	20
<b>Funkia Fortunei.</b> Large yellow and green foliage . . . . .	15
<b>Funkia lanceolata.</b> Narrow leaves, white flowers . . . . .	15
<b>Funkia undulata variegata.</b> Beautiful variegated leaves . . . . .	20
<b>Gaillardia grandiflora hybrida.</b> (Blanket Flower). Flowers all summer . . . . .	20
<b>Geranium sanguineum.</b> Dwarf, crimson flowers . . . . .	25
<b>Glechoma hederacea variegata.</b> Trailing variegated plant . . . . .	15
<b>Gypsophila paniculata</b> (Baby's Breath). Small white flowers . . .	20
<b>Helenium autumnale.</b> Large yellow flowers . . . . .	20
<b>Helenium autumnale superbum.</b> Tall yellow flowers . . . . .	15
<b>Helianthus Dowellianus.</b> Small, yellow flowers . . . . .	25
<b>Helianthus Maximilianus.</b> Fine, late variety . . . . .	20
<b>Helianthus mollis grandiflorus.</b> Chrome yellow, single flower . .	25
<b>Helianthus multiflorus</b> (Perennial Sunflower). Large yellow flowers . . .	25
<b>Helianthus multiflorus plenus.</b> Fine double flowers . . . . .	15
<b>Helianthus multiflorus grandiflorus.</b> Improved form . . . . .	20
<b>Helianthus orgyalis.</b> Drooping leaves, very free . . . . .	25
<b>Heliopsis laevis</b> (Ox Eye). Large yellow flowers . . . . .	15
<b>Heliopsis Pitcherianus.</b> Free flowering plant . . . . .	15
<b>Helleborus niger</b> (Christmas Rose). Pure white . . . . .	20
<b>Hemerocallis Dumortieri.</b> Flowers large, orange yellow . . . . .	20
<b>Hemerocallis flava</b> (Day Lily). Golden yellow, sweet scented . .	20
<b>Hemerocallis fulva.</b> Common variety, tawny yellow . . . . .	15
<b>Hemerocallis grammifolius.</b> Dwarf grower, orange flowers . . .	15
<b>Hemerocallis Kwanso fl. pl.</b> Fine, large red flowers . . . . .	25



**HELIANTHUS MOLLIS GRANDIFLORUS.**

For description see page 45.

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We grow a great many varieties not listed; special list of same will be given on application. Our Herbaceous beds are a sight to see from April to November.

	Each.
<i>Hemerocallis rutilans</i> . Fine, yellow flowers .....	\$0 20
<i>Hemerocallis Thunbergii</i> . Fragrant, golden yellow.....	20
<i>Hibiscus moscheutos</i> . A beautiful species.....	20
<i>Iberis sempervirens</i> (Evergreen Candytuft). White, flowers early .....	20
<i>Iris aurea</i> . Tall spikes of pure yellow flowers.....	15
<i>Iris cristata</i> . Very dwarf, lilac and yellow flowers.....	15
<i>Iris Germanica</i> (Fleur de Lis). 15 beautiful varieties.....	20
<i>Iris Kaempferii</i> (Japan Iris). 50 very beautiful varieties.....	20
<i>Iris ochroleuca</i> . Pure white Orchid-like flowers.....	25
<i>Iris Siberica sanguinea</i> . Large purple flowers, free flowering.....	15
<i>Lathyrus latifolius</i> (Everlasting Pea). Blooms freely .....	20
<i>Lepachys pinnata</i> . Flowers fine light yellow.....	20
<i>Liatris scariosa</i> (Button Snake-root). Purple flowers.....	20
<i>Liatris spicata</i> (Blazing Star). Short purple spikes.....	20
<i>Lobelia cardinalis</i> (Cardinal Flower). Beautiful scarlet red.....	15
<i>Lychnis Chalcedonica</i> . Flowers, scarlet.....	20
<i>Lychnis Haageana hybrida</i> . Large flowers.....	25
<i>Lysimachia Nummularia</i> (Moneywort). Bright yellow flowers...	15
<i>Monarda didyma</i> . Bright, red, showy flowers.....	20
<i>Monarda hybrida carminea</i> . Deep carmine flowers.....	15
<i>Monarda hybrida lilacina</i> . Tall, free flowering plant.....	15
<i>Monarda fistulosa</i> . Flowers lilac-purple.....	20
<i>Myosotis palustris semperflorens</i> (Forget-Me-Not). Perpetual flowers .....	15
<i>Oenothera fruticosa</i> (Evening Primrose). Yellow flowers.....	20
<i>Pachysandra terminalis</i> . Fine dwarf evergreen plant.....	15
<i>Paeonies herbaceous, assorted</i> . In best varieties only.....	25
<i>Paeonies</i> . Pink, extra fine variety.....	35
<i>Paeonies</i> . Pink and white, very beautiful.....	35
<i>Paeonies</i> . Red, beautiful color.....	35
<i>Paeonies</i> . White, very fine.....	35
<i>Paeonies</i> . Extra large clumps, 60c. to \$1.00 each.	
<i>Papaver altalicum</i> . Buff-colored flowers, all summer.....	25
<i>Papaver bracteatum</i> . Blood-red flowers.....	20
<i>Papaver involucratum</i> . Very fine, large-flowered.....	20
<i>Papaver nudicaule</i> . Excellent for cutting.....	15
<i>Papaver Orientale</i> . The finest perennial Poppy.....	20
<i>Pardanthus chinensis</i> . Lily-like flowers.....	15
<i>Pentstemon barbatus</i> . Deep, scarlet flowers.....	20
<i>Pentstemon Digitalis</i> . Tall, white flowered.....	20
<i>Phalaris arundinacea fol. var.</i> Ribbon grass.....	15
<i>Phlox amoena</i> . Favorite border plants, early.....	15
<i>Phlox paniculata</i> , in <i>assorted varieties</i> . The very finest sorts...	15
<i>Phlox paniculata</i> , in 20 varieties.....	25
<i>Phlox paniculata</i> . "The Pearl." Flowers, pure white, the finest.	20
<i>Phlox subulata alba</i> . A beautiful white form.....	15
<i>Phlox subulata atropurpurea</i> . Deep colored flowers.....	15
<i>Phlox subulata</i> (Moss Pink). Very dwarf, early.....	15
<i>Platycodon grandiflora</i> . Large bells of blue color.....	20
<i>Polemonium coeruleum album</i> . White variety of above.....	25
<i>Polemonium coeruleum</i> (Jacob's Ladder). Blue flowers.....	20
<i>Polygonum cuspidatum crispulum</i> . Feathery white flowers.....	35
<i>Polygonum Sachalinense</i> . Handsome bushy plant.....	30
<i>Primula veris</i> (English Primrose). Choice spring flowers.....	20
<i>Pyrethrum roseum album</i> . Pure white flowers.....	25
<i>Pyrethrum roseum carneum</i> . Flesh colored flowers.....	25
<i>Pyrethrum roseum</i> , in <i>assorted varieties</i> .....	25
<i>Pyrethrum roseum</i> . Rose colored Daisy.....	25
<i>Pyrethrum roseum sanguineum</i> . Rich crimson flowers.....	25
<i>Pyrethrum uliginosum</i> (The Giant Daisy). White flowers, in fall.	20
<i>Rudbeckia Californica</i> . Fine, pure yellow.....	15
<i>Rudbeckia fulgida</i> . Orange yellow, disc dark purple.....	20
<i>Rudbeckia</i> (Golden Glow). Double large flowers.....	15
<i>Rudbeckia maxima</i> (Cone-flower). Large yellow flowers.....	25
<i>Rudbeckia speciosa</i> . Yellow, dark purple disc.....	20
<i>Rudbeckia subtomentosa</i> . Fine for borders.....	20



**HEMEROCALLIS THUNBERGII.**  
For description see page 47.



**RUDBECKIA CALIFORNICA.**  
For description see page 47.

	Each.
<i>Sedum album</i> . Trailing, white flowers .....	\$0 15
<i>Sedum carneum</i> . Trailing, pale rose flowers.....	15
<i>Sedum Fabarium</i> (Stone Crop). Rosy pink flowers.....	20
<i>Sedum populifolium</i> . Upright habit, white flowers.....	25
<i>Sedum Spectabile</i> . One of the best border plants.....	20
<i>Sedum spurium splendens</i> . Trailing, yellow flowers.....	15
<i>Silphium perfoliatum</i> (Cup Plant). Tall plant.....	25
<i>Solidago</i> (Golden Rod), many varieties for wild gardens.....	15
<i>Spiraea aruncus</i> (Meadow Sweet). White long spikes.....	25
<i>Spiraea astilboides</i> . Flowers white, graceful.....	25
<i>Spiraea filipendula plena</i> . White double flowers.....	25
<i>Spiraea Japonica</i> . Pure white flowers.....	15
<i>Spiraea Japonica grandiflora</i> . Larger and closer flowers.....	25
<i>Spiraea palmata</i> . Brilliant crimson flowers.....	25
<i>Spiraea ulmaria plena</i> . Double white flowers.....	25
<i>Stachys lanata</i> . White, silky foliage.....	15
<i>Statice latifolia</i> . Blue flowers on large panicles.....	25
<i>Thymus serpyllum</i> . Trailing evergreen, pink flowers.....	15
<i>Thymus serpyllum album</i> . Trailing evergreen, white flowers..	15
<i>Tradescantia virginica</i> . Blue flowers.....	15
<i>Tunica saxifraga</i> . Small pink flowers.....	20
<i>Verbascum Phoeniceum</i> . Red, white and violet flowers.....	20
<i>Veronica longifolia subsessilis</i> . Deep rich blue.....	25
<i>Veronica rupestris</i> . Dark blue flowers.....	20
<i>Veronica spicata</i> . Bright blue flowers.....	20
<i>Veronica Virginica</i> . Tall spikes of white flowers.....	20
<i>Vinca minor</i> (Periwinkle). Fine for growing under trees.....	10
<i>Vinca minor</i> fl. pl. Double flowers, green foliage.....	15
<i>Vinca minor</i> fol. var. Foliage, variegated, handsome.....	20
<i>Yucca filamentosa</i> . Fine spikes of white flowers.....	35



**CLEMATIS RECTA (Bush Clematis).**  
See page 45 for description.

## GREENHOUSE FOLIAGE PLANTS.

This is a class of plants which is becoming more popular every day. Their fine marked foliage and graceful habit make them great favorites. There is nothing equal to a house filled with a collection of these plants.

	Each.
Abutilon Souv. de Bon. Fine sort .....	\$0 25
Abutilon Sawitzii. Dwarf habit, green and white foliage.....	25
Abutilon Thompsoni. Green, with yellow blotches .....	25
Aglaonema picta. Bright foliage .....	75
Aglaonema Roblenii. Good decorative plant .....	75
Ananassa sativa variegata. The variegated pineapple .....	3 00
Ananassa Porteana. Fine variety, of easy culture.....	3 00
Araucaria excelsa (Norfolk Island Pine) .....	3 00
Araucaria excelsa glauca. A variety with bluish tint .....	4 00
Araucaria excelsa glauca compacta. Effective .....	5 00
Araucaria Braziliensis. Graceful, dark green species .....	1 00
Alocasia macrorhiza variegata. White and green .....	1 00
Alocasia metallica. Massive metallic-bronze .....	2 00
Alocasia Sanderiana. Rare species .....	3 00
Alocasia Sedeni. Bronze-leaves, with white midrib .....	2 00
Anthurium crystallinum. Massive, velvety foliage .....	1 00
Anthurium grande. Long, bronze foliage .....	1 00
Anthurium magnificum. Showy .....	1 00
Anthurium regale. Good, hardy variety .....	1 00
Anthurium Veitchii. Long leaves .....	3 00
Anthurium Waroquaia. Noble plant .....	3 00
Asparagus decumbens. Drooping species .....	75
Asparagus plumosus. Climbing plant, indispensable .....	25
Asparagus nanus. Very fine for bouquets .....	25
Asparagus Sprengeri. Graceful drooping species .....	25
Asparagus tenuissimus. Fine, feathery foliage .....	25
Aralia Chabrierii. Dark green pinnate leaves .....	1 00
Aralia filicifolia. Graceful fern-like foliage .....	50
Aralia Guilfoylei. Beautiful variegated foliage .....	50
Aralia gracillima. Fine palmately divided leaves.....	1 00
Aralia Papyrifera. Velvety, grayish foliage .....	75
Aralia Sieboldii. Broad, massive leaves .....	50
Aralia Sieboldii variegata. Variegated form of the above .....	1 50
Aspidistra lurida. Most durable, effective plant .....	75
Aspidistra lurida variegata. White striped form .....	1 00
Bambusa arundinacea. Graceful and decorative .....	2 00
Begonia argentea guttata. Foliage spotted with white .....	50
Begonia maculata. Tall, white spotted .....	30
Begonia manicata aurea. Yellow, variegated leaves .....	75
Begonia metallica. Rich colored foliage .....	25
Begonia Rex. In 12 varieties .....	25c. to 50
Bertolonia guttata. Spotted variety .....	75
Bertolonia marmorata. Silvery veins .....	1 05
Bertolonia Van Houttei. Choice stove-plant .....	2 00
Bomeria Argentea. Silvery foliage .....	50
Billbergia Liboniana. Interesting pineapple .....	1 00
Bromeliads. In 20 varieties .....	\$1 00 to 3 00
Caladiums. In best varieties .....	.35c. to 1 00
Campylobotrys Ghiesbrechtii. Reddish bronze foliage .....	50
Campylobotrys Ghiesbrechtii variegata. White and red.....	75
Costus zebrina. Large, massive green leaves .....	75
Croton. In choicest 25 varieties .....	.50c. to 1 00
Cissus discolor. Beautiful climber .....	50
Cyanophyllum magnificum. Noble plant .....	2 50
Cycas circinalis. More graceful foliage than Revoluta .....	5 00
Cycas revoluta (Sago Palm). Very useful plant .....	1 00
Cyperus alternifolius. Fine decorative plant .....	25
Cyperus alternifolius variegatus. Foliage variegated .....	1 00
Cyperus gracilis. Fine compact growing plant .....	25
Cyperus laxus variegatus. Dwarf variety, well marked.....	50
Dieffenbachia Baraquiniana. White and green foliage .....	50



**ALOCASIA METALLICA.**

For description see page 50.



**PANAX VICTORIAE**

For description see page 52.

	Each.
<b>Dieffenbachia Bausei.</b> Yellow and white foliage .....	\$0 75
<b>Dieffenbachia Bowmanni.</b> Yellow foliage .....	75
<b>Dieffenbachia picta.</b> Green leaves, spotted white .....	75
<b>Dionaea muscipula.</b> (Venus' Fly-Trap) .....	50
<b>Dracaena amabilis.</b> Green, white and pink foliage .....	1 00
<b>Dracaena Draco</b> (Dragon Tree). Fine massive plant .....	1 00
<b>Dracaena fragrans.</b> Broad green arching leaves .....	50
<b>Dracaena Godseffiana.</b> Compact bushy plant, with spotted foliage .....	50
<b>Dracaena hybrida.</b> Red, white and pink foliage .....	1 00
<b>Dracaena indivisa.</b> Narrow leaved, for vases .....	50
<b>Dracaena Lindeni.</b> Green with yellow stripes .....	2 00
<b>Dracaena Massangeana.</b> Green with yellow middle .....	1 75
<b>Dracaena Sanderiana.</b> Narrow leaves, white and green .....	50
<b>Dracaena Sheperdi.</b> Broad red and yellow foliage .....	50
<b>Dracaena terminalis.</b> Bright red and rose foliage .....	50
<b>Dracaena terminalis stricta.</b> Broader foliage .....	1 00
<b>Dracaena Youngii.</b> Deep purple foliage .....	50
<b>Dracaena.</b> 25 other varieties, according to size .....	50c. to 3 00
<b>Eucalyptus globulus.</b> Australian blue gum tree .....	25
<b>Eucalyptus citriodora.</b> Slender habit, lemon scented .....	35
<b>Ficus radicans</b> fol. var. Creeping species, small white and green foliage .....	50
<b>Ficus repens.</b> Useful for covering walls .....	25
<b>Ficus elastica.</b> The well-known rubber-plant .....	50
<b>Ficus elastica variegata.</b> Yellow and green foliage .....	2 50
<b>Ficus Parcellii.</b> White splashed leaves .....	1 00
<b>Fittonia argyroneura.</b> Beautiful stove evergreen plant .....	25
<b>Fittonia Verschaffeltii.</b> Midrib of foliage dark red .....	25
<b>Grevillea robusta.</b> Foliage plant of graceful habit .....	50
<b>Hedera</b> (Ivy). In varieties for greenhouse or garden .....	25
<b>Heliconia aureo-striata.</b> Strikingly handsome plant .....	2 00
<b>Hibiscus Cooperi.</b> Nicely variegated foliage .....	50
<b>Laurus nobilis</b> (Sweet Bay Tree). A very decorative plant for lawns. Sizes and prices on application.	
<b>Maranta bicolor.</b> Green, with blotches of dark olive .....	35
<b>Maranta Kerchoveana.</b> Green, with purplish blotches .....	50
<b>Maranta Legrelliana.</b> Green, with a band of white .....	50
<b>Maranta Lietzii.</b> Deep metallic green .....	50
<b>Maranta Makoyana.</b> Distinct markings .....	1 00
<b>Maranta Massangeana.</b> Foliage beautifully marked .....	50
<b>Maranta micans.</b> Shiny green and white .....	50
<b>Maranta Porteana.</b> Bright green, striped with white .....	50
<b>Maranta princeps.</b> Rich dark green leaves .....	1 00
<b>Maranta pulchella.</b> Good variety for general purposes .....	50
<b>Maranta zebra</b> (Zebra Plant). Velvety light green .....	50
<b>Maranta undulata.</b> Dark green, with white midrib .....	50
<b>Maranta arundinacea variegata.</b> Beautiful leaves .....	75
<b>Maranta Goveana.</b> Light green, with dark markings .....	35
<b>Mimosa pudica</b> (Sensitive Plant). Interesting .....	25
<b>Musa Cavendishii</b> (Banana Plant). For greenhouse fruiting....	2 00
<b>Nepenthes.</b> In best varieties .....	\$3 00 to 5 00
<b>Ophiopogon Jaburan</b> fol. var. Dwarf, variegated plant .....	50
<b>Panicum Variegatum.</b> White striped foliage .....	15
<b>Panax Victoriae.</b> Variegated leaved stove shrub .....	50
<b>Pandanus graminifolius.</b> Pretty dwarf growing variety .....	50
<b>Pandanus utilis.</b> A beautiful house plant .....	50
<b>Pandanus Veitchii.</b> Long, narrow, variegated leaves .....	1 00
<b>Paulinia thalictrifolia.</b> Beautiful fernlike foliage .....	75
<b>Peperomia argyraea.</b> Fleshy leaves, very handsome .....	35
<b>Philodendron spectabile.</b> Large, massive foliage .....	1 00
<b>Philodendron pertusum.</b> Grand foliage .....	1 00
<b>Phryniun variegatum.</b> Beautiful stove-plant .....	75
<b>Philanthus nervosus pictus.</b> Beautiful colored foliage .....	50
<b>Photos aureus.</b> Creeping plant, golden foliage .....	50
<b>Pothos argyraea.</b> Silvery green leaves, creeping habit .....	50
<b>Philiotaenium Lindeni.</b> Variegated leaves, showy .....	1 00

	Each.
<i>Reineckia carnea.</i> Dwarf, bright green, very hardy .....	\$0 25
<i>Reineckia</i> fol. var. Beautifully variegated, useful plant .....	50
<i>Rhodea Japonica variegata.</i> Variegated plant .....	75
<i>Sansevieria Zeylanica.</i> Curious zebra striped foliage .....	1 00
<i>Sonerilla Hendersonii.</i> Beautiful silvery foliage .....	50
<i>Sphaerogyne latifolia.</i> Massive, velvety green leaves .....	1 50
<i>Strobilanthes Dyerianus.</i> Bright foliage .....	25
<i>Tradescantia discolor.</i> Green and purple leaves .....	50
<i>Vreesia splendens.</i> Yellow flowers .....	1 50
<i>Vinca major variegata.</i> Light green, white margins .....	35
<i>Zamia integrifolia.</i> A very decorative plant .....	1 00

## GREENHOUSE FLOWERING PLANTS.

This useful class comprises both dwarf and climbing kinds. Only such are listed as have been found to be the best and most popular varieties. We will be pleased to quote prices on any others not listed, or for large specimens.

### AZALEAS.

There is no greenhouse shrub that gives such satisfaction as a good plant and variety of Azalea. The following dozen varieties are the cream of the Azaleas, while we offer well furnished plants set with buds at the following low prices: Plants, 9-10 inches in diameter, 75 cts. each, \$7.50 per doz.; 10-12 inches in diameter, \$1.00 each, \$10.00 per doz.; extra large, 12-15 inches in diameter, \$1.50 each; \$15.00 per doz. Extra large specimens, price on application.

**A. Borsig.** Pure double white.

**Madame Van der Cruyssen.** Semi-double bright rose.

**Sigismund Rucker.** Lilac rose and white.

**Bernard Andrea Alba.** Double white.

**Deutsche Pearl.** Very early double, pure white.

**Imperatrice des Indes.** Large double rose, edged white.

**Souv. de Prince Albert.** Double white and lilac.

**Dr. de Moor.** Double, intense rose.

**Empereur de Bresil.** Rose and white, large double.

**Cocarde d'Orange.** Fine double, orange red.

**Simon Mardner.** Very deep pink, shape of a Camellia.

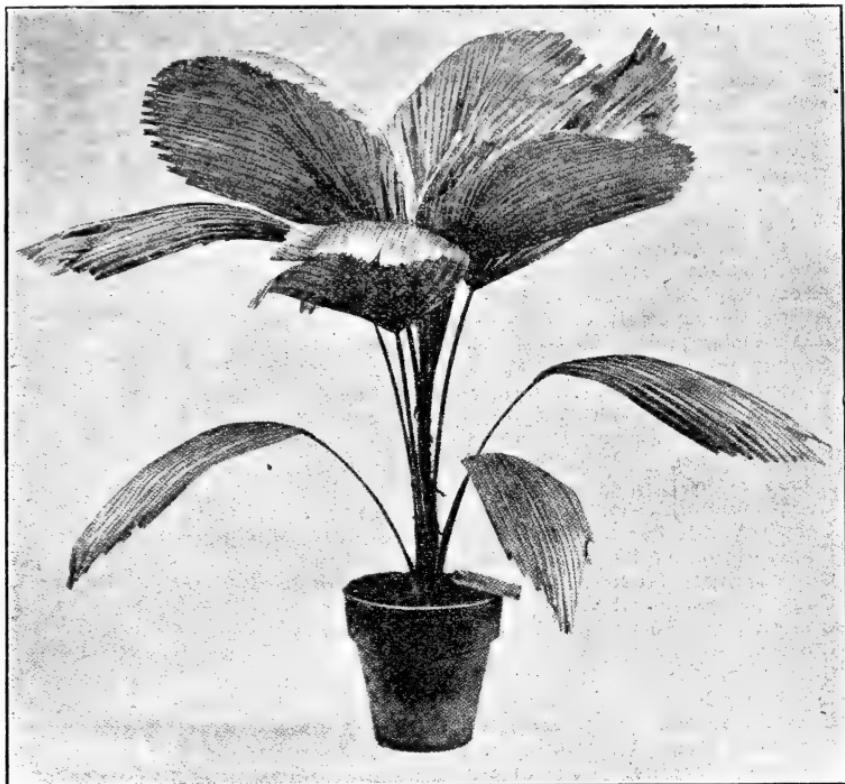
**Vervaeana.** A very large double, rose and white.

	Each.
<i>Aeschinanthes Lobbianus.</i> Bright red flowers .....	\$1 00
<i>Amaryllis.</i> Choice hybrids. Fine, large red flowers .....	1 00
<i>Anthurium Andreanum.</i> Orange red, with yellow .....	2 00
<i>Anthurium Brownii.</i> Deep blood red flower .....	3 00
<i>Anthurium Clarkiana.</i> Light red, shaded with pink .....	3 00
<i>Anthurium Ferrierense.</i> Pink with white, beautiful .....	2 00
<i>Anthurium Reynoldsiana.</i> Shining pink, with white .....	3 00
<i>Anthurium Scherzerianum.</i> Compact growth, brilliant .....	1 00
<i>Allamanda Hendersoni.</i> Stove plant, yellow flowers .....	75
<i>Allamanda nobilis.</i> Bright yellow flowers .....	75
<i>Allamanda nerifolia.</i> Fine bushy stove plant .....	50
<i>Acacia.</i> In varieties .....	50c. to 3 00
<i>Aristolochia elegans.</i> Beautiful flowering climber .....	25
<i>Aristolochia grandiflora</i> (the Pelican Flower). Interesting plant.	1 00
<i>Aphelandra aurantiaca Roezlii.</i> Bright scarlet flowers .....	75
<i>Begonia glaucophylla scandens.</i> Coral red flowers .....	50
<i>Begonia Gloire de Lorraine.</i> Grand winter flowering plant .....	50
<i>Begonia Haageana.</i> Large trusses of white flowers .....	50
<i>Begonia rubra.</i> Very free flowering plant .....	25
<i>Begonia incarnata.</i> Fine for cutting .....	25
<i>Begonia.</i> In many varieties .....	25c. to 50
<i>Bouvardias.</i> In varieties .....	15c. to 25
<i>Bougainvillea glabra Sanderiana.</i> Finest climbers in cultivation.	50
<i>Camellias</i> (in varieties). According to size .....	75c. to 3 00
<i>Cherokee Rose (Rosa Sinica).</i> Fine white flowers .....	25

	Each.
<i>Clerodendron Balfouri.</i> White and red flowers .....	\$0 50
<i>Cassia corymbosa.</i> Large numbers of yellow flowers .....	50
<i>Chorizema ilicifolia.</i> Handsome red flowers .....	75
<i>Chrysanthemum frutescens</i> ( <i>Paris Daisy</i> ) .....	25c. to 2 00
<i>Chrysanthemum frutescens Etoile d'Or.</i> Yellow form .....	25
<i>Costos igneus.</i> Showy bright orange flowers .....	50
<i>Crinum amabile.</i> Large red flowers .....	3 00
<i>Daphne odorata.</i> Sweet scented evergreen plant .....	1 00
<i>Dichorisandra coerulea.</i> Spikes of deep blue flowers .....	75
<i>Dipladenias</i> (in varieties). Choice .....	\$1 00 to 3 00
<i>Erica</i> (in varieties). Choice greenhouse plants .....	\$1 00 to 3 00
<i>Eucharis Amazonica.</i> Beautiful, large white flowers .....	25
<i>Eucharis candida.</i> White, free flowering .....	25
<i>Euphorbia jacquineaflora.</i> Winter flowering plant .....	50
<i>Eupatorium iathinum.</i> Trusses of purple flowers .....	50
<i>Francesia exima.</i> Blue flowers .....	1 00
<i>Francesia latifolia.</i> Blue flowers .....	1 00
<i>Gardenia florida.</i> White, sweet-scented flowers .....	50
<i>Gardenia Veitch's var.</i> Free flowering, the best .....	50
<i>Genistas</i> (in varieties). According to size .....	25c. to 3 00
<i>Geraniums.</i> In the best varieties .....	15
<i>Hydrangea</i> (in varieties). According to size .....	25c. to 5 00
<i>Hibiscus.</i> In leading varieties .....	25c to 50
<i>Heliotrope.</i> Useful, sweet-scented plant .....	10
<i>Hedichium coronarium.</i> Trusses of white scented flowers .....	50
<i>Imantophyllum cyrthantiflorum.</i> Drooping flowers .....	1 00
<i>Imantophyllum minatum.</i> Large orange red flowers .....	1 00
<i>Ixora</i> (in varieties). Free flowering stove plant .....	1 00
<i>Justicia speciosa.</i> Free flowering plant .....	25
<i>Jasminum gracillimum.</i> White, sweet-scented flowers .....	50
<i>Jasminum grandiflorum.</i> Yellow flowers .....	50
<i>Jasminum Sambac.</i> White, sweet-scented flowers .....	50
<i>Lapageria rosea.</i> Beautiful, waxy red flowers .....	3 50
<i>Lapageria alba.</i> Useful as the above, white variety .....	3 50
<i>Libonia floribunda.</i> Scarlet, yellow-tipped flowers .....	25
<i>Linum Trigynum.</i> Deep orange flowers .....	25
<i>Myenia erecta.</i> Stove plant, beautiful blue flowers .....	50
<i>Pavetta Borbonica.</i> Fine red flowers .....	1 50
<i>Pelargonium</i> (in varieties) .....	35c. to 50
<i>Pleroma elegans.</i> Large blue flowers .....	50
<i>Plumbago Capensis.</i> Blue flowers .....	25
<i>Plumbago Capensis alba.</i> White flowers .....	25
<i>Poinsettia pulcherrima.</i> Bright scarlet bracts .....	50
<i>Poinsettia pulcherrima alba.</i> White variety .....	50
<i>Poinsettia pulcherrima plenissima.</i> Double variety .....	50
<i>Passiflora.</i> In varieties. Elegant climbers .....	25c. to 1 00
<i>Reinwardtia tetragyna.</i> Large yellow flowers .....	50
<i>Rubus rosaeflorus.</i> Double white flowers .....	50
<i>Ruellia formosa.</i> Fine scarlet flowers .....	35
<i>Ruellia macrantha.</i> Large purple flowers .....	50
<i>Rhynchospermum jasminoides.</i> Greenhouse climber .....	50
<i>Seriographic Ghiesbrechtii.</i> Yellow lasting flowers .....	50
<i>Solandra grandiflora.</i> Lily-like flowers, fine .....	1 00
<i>Stephanotis floribunda.</i> White, waxy flowers .....	1 00
<i>Salvia.</i> In varieties .....	25
<i>Streptosolen Jamesonii.</i> Orange-colored flowers .....	25
<i>Swainsonia galegifolia alba.</i> Bunches of white flowers .....	35
<i>Stigmatophyllum ciliatum.</i> Yellow orchid-like flower .....	75
<i>Stevia.</i> Useful white, winter flowering plant .....	25
<i>Strelitzia regina</i> ( <i>The Bird of Paradise</i> ) .....	1 50
<i>Tecoma Capensis.</i> Orange-scarlet flowers .....	25
<i>Thrysanthus rutilans.</i> Spikes of pink flowers .....	50
<i>Toxicophlea spectabilis.</i> White fragrant flowers .....	1 00
<i>Veronica.</i> In varieties .....	25

Other varieties and larger sizes, prices on application.

**Many other varieties as well as large specimens in stock. Write for list or visit our 32 greenhouses.**



**LICUALA GRANDIS.**

For description see page 56.

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Palms as well as other greenhouse plants being one of our specialties, we have special facilities for filling new greenhouses and conservatories completely or adding to existing collections of plants. Estimates furnished on application.

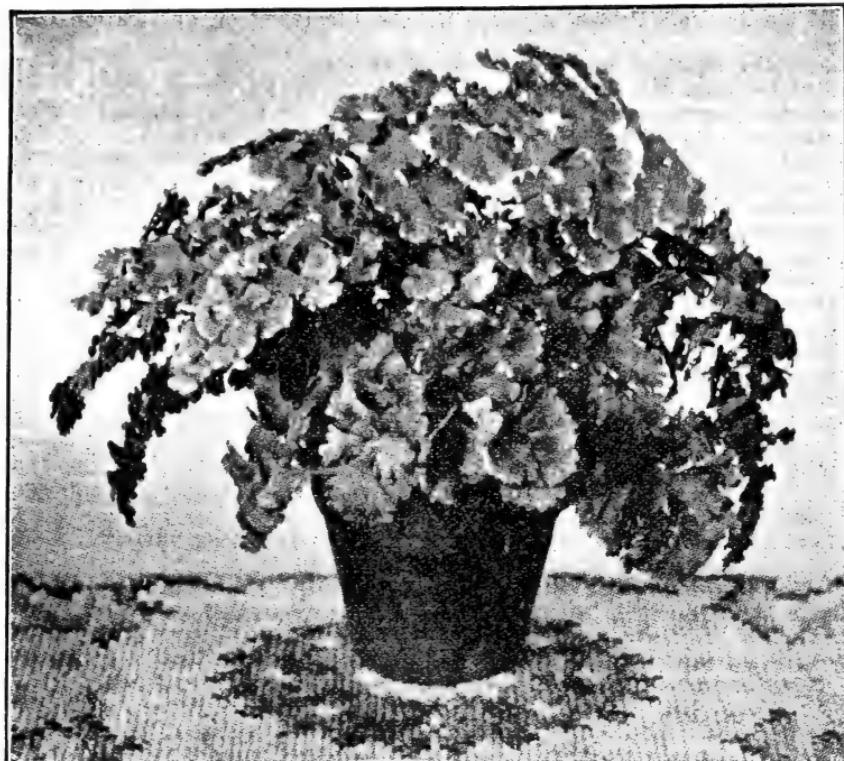
Overgrown specimens exchanged or bought.

## PALMS.

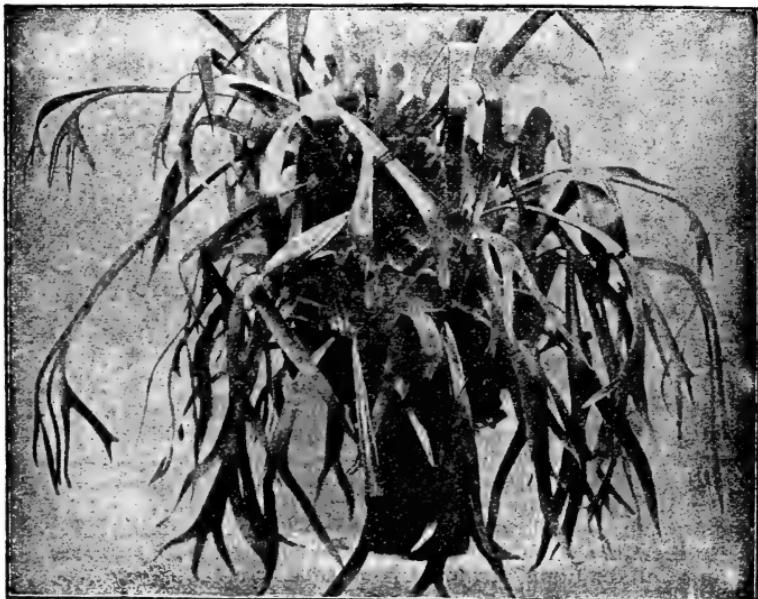
In the whole vegetable kingdom there is no family of plants so graceful, attractive, and one that deserves to be so generally cultivated, as palms. Most kinds are invaluable for decorative purposes and house culture. We have omitted to price any of the varieties, as the prices are governed by the size of the plant, and vary from 50c. to \$5.00 each, according to size and kinds, of which we would be pleased to give particulars on application.

*Areca Baurei.* Hardy, cool plant, quick grower.  
*Areca lutescens.* Bushy and decorative, very useful.  
*Areca rubra.* Striking species for warm house.  
*Areca sapida.* Cool and hardy palm.  
*Areca Verschaffeltii.* Very ornamental, striking plant.  
*Atalea mariposa.* Rare and noble plant.  
*Brahea edulis.* Cool, hardy variety.  
*Brahea filamentosa.* Ornamental species, very hardy.  
*Brahea glauca.* Bluish foliage, rare, for cool house.  
*Chamaedorea Pringellii.* Rare species of dwarf growth.  
*Caryota urens.* "Fish Tail Palm" characteristic.  
*Cocos Bonnettii.* Fine, graceful hardy plant.  
*Cocos plumosa.* Tall, feathery, graceful palm.  
*Cocos Weddelliana.* Very graceful, useful small palm.  
*Cocos Romansoffiana.* Tall growing kind.  
*Chamaerops elegans.* Very hardy, tall growing.  
*Chamaerops humilis.* Dwarf, hardy plant.  
*Chamaerops Fortunii.* Compact, useful palm.  
*Corypha Australis.* Very decorative.  
*Corypha gebanga.* Rarely cultivated, fine plant.  
*Erythea edulis.* Very hardy variety.  
*Euterpe edulis.* Fine, graceful arching fronds.  
*Geonoma elegans robusta.* Beautiful and rare plant.  
*Geonoma gracilis.* Very ornamental, like *Cocos*.  
*Geonoma imperialis.* Graceful variety, dwarf growth.  
*Geonoma princeps.* Distinct species.  
*Geonoma Schottiana.* Fine, imposing plant.  
*Kentia Belmoreana.* The most useful palm for decoration.  
*Kentia Canterburyana.* Larger foliage, rare species.  
*Kentia Fosteriana.* Tall and graceful, hardy and useful.  
*Kentia McArthurii.* Distinct species.  
*Latania borbonica.* Very useful palm, quick grower.  
*Latania rubra.* Choice and rare variety.  
*Licuala grandis.* A noble species, large, broad leaves.  
*Livistonia rotundifolia.* Dwarf and handsome.  
*Livistonia peltata.* Fine species, shiny, broad leaves.  
*Oreodoxia regia.* The royal palm, tall and graceful.  
*Phoenix reclinata.* Useful, decorative plant, hardy.  
*Phoenix pumila.* Compact species.  
*Phoenix Canariensis.* Handsome variety, useful for decoration.  
*Phoenix dactylifera.* The date palm.  
*Phoenix rupicola.* Most graceful variety for exhibition.  
*Raphis flabelliformis.* Hardy and ornamental.  
*Raphis humilis.* Useful variety for decoration.  
*Sabal Adansonii.* A striking palm, hardy and useful.  
*Sabal glauca.* Handsome species.  
*Sabal umbraculifera.* Useful, decorative plant.  
*Seaforthia elegans.* Quick growing palm, graceful.  
Many other varieties. Also large specimens. Prices on application.

We have a large stock from seedlings up to large specimens 20 feet high. Visit our tropical forest.



**ADIANTUM CAPELLUS VENERIS IMBRICATUM.**  
(The Hardy Farleyense.)  
For description see page 58.



**PLATYCERIUM ALCICORNE (The Stag Horn Fern).**  
For description see page 58.

## FERNS.

Besides these varieties we have a large lot of specimens and half specimens. Prices of same will be furnished on application.

	Each.
<i>Adiantum capillus veneris</i> . A dwarf variety .....	\$0 25
<i>Adiantum capillus veneris imbricatum</i> (Hardy Farleyense).....	25
<i>Adiantum cardiochlaena</i> . Large growing. Fine for specimens..	1 00
<i>Adiantum cuneatum</i> . The well known Maiden Hair Fern.....	25
<i>Adiantum cuneatum variegatum</i> . A variegated form of the above	50
<i>Adiantum dolabriforme</i> . Fine for hanging baskets.....	1 00
<i>Adiantum Farleyense</i> . The finest of all this class.....	1 00
<i>Adiantum gracillimum</i> . Very fine foliage, long fronds.....	50
<i>Adiantum grandiceps</i> . Fronds crested on the end.....	50
<i>Adiantum monochlamys</i> . A dwarf variety from Japan.....	1 50
<i>Adiantum O'Brienii</i> . A very hardy variety .....	25
<i>Adiantum pubescens</i> . A beautiful growing variety.....	25
<i>Adiantum regina</i> . A dwarf variety. Large foliage.....	50
<i>Adiantum trapeziforme</i> . Large sort. Fine for exhibition.....	50
<i>Adiantum venustum</i> . A delicate leaved pretty variety.....	25
<i>Adiantum Williamsii</i> . The golden Maiden Hair.....	50
<i>Angiopteris evecta</i> . Enormous dark green fronds .....	7 50
<i>Aspidium amabile</i> . Dark green heavy fronds .....	50
<i>Aspidium capense</i> . A beautiful hardy variety .....	50
<i>Aspidium tenuemense</i> . A dwarf dense sort .....	25
<i>Aspidium viridescens</i> . Fine arching fronds. Japanese variety..	1 50
<i>Asplenium bulbiferum</i> . Beautiful arching fronds .....	75
<i>Asplenium nidus avis</i> (Bird's Nest Fern).....	2 00
<i>Asplenium nidus avis Australasica</i> . A variety of the above.....	2 00
<i>Blechnum occidentale</i> . Dwarf, hardy variety.....	25
<i>Cyrtomium falcatum</i> (Holly Fern). Glossy green foliage.....	25
<i>Cyrtomium caryotaedum</i> . More dwarf than the above.....	25
<i>Davallia bullata</i> . Japanese design fern.....	1 00
<i>Davallia elegans</i> . Long, arching fronds.....	2 50
<i>Davallia Fijiensis plumosa</i> . Arching, feathery fronds .....	1 50
<i>Davallia platyphilla</i> . An elegant variety.....	2 00
<i>Davallia Mooreana</i> . Long, lacy, arching fronds.....	1 50
<i>Gymnogramma Argyrophilla</i> (The Silver Fern) .....	1 00
<i>Gonophlaeum subariculatum</i> . Long, drooping fronds.....	1 50
<i>Lygodium scandens</i> . The climbing fern.....	25
<i>Microlepia hirta cristata</i> . Crested, light green fronds.....	50
<i>Nephrolepis Bauseii</i> . Upright crested fronds .....	1 50
<i>Nephrolepis exaltata</i> . Grand, arching fronds .....	50
<i>Nephrolepis exaltata Bostoniensis</i> (Boston Fern) .....	50
<i>Nephrolepsis exaltata Piersonii</i> (Pierson Fern) .....	50
<i>Nephrolepsis exaltata Anna Foster</i> (Foster Fern) .....	50
<i>Nephrolepis davalloides furcans</i> . Fine crested plant .....	1 00
<i>Nephrolepis Philippinense</i> . Long, narrow fronds.....	50
<i>Nephrolepis tuberosa</i> . Upright, arching leaves.....	50
<i>Onychium Japonicum</i> . A fine fronded dense variety .....	25
<i>Platycerium alcicorne</i> (Stag Horn Fern).....	1 00
<i>Platycerium alcicorne majus</i> . A fine form of the above.....	2 50
<i>Platycerium Aethiopicum</i> . Large, broad fronds .....	3 50
<i>Platycerium Biforme</i> . A fine grower .....	5 00
<i>Platycerium Hillii</i> . A rare variety .....	5 00
<i>Platycerium Willinkii</i> . Long, narrow, horn-like fronds.....	5 00
<i>Platycerium Wallichii</i> . Very rare plant .....	5 00
<i>Polypodium aureum</i> . Glaucous colored leaves.....	25
<i>Polystichium angulare</i> . A hardy variety. Very pretty .....	25
<i>Polystichium mucronatum</i> . Rare, handsome variety.....	1 00
<i>Pteris adiantoides</i> . Fronds resemble <i>Adiantum</i> .....	25
<i>Pteris argyrea</i> . Beautiful silver variegation.....	25
<i>Pteris albo lineata</i> . One of the best varieties.....	25
<i>Pteris chinensis</i> . Dark green foliage.....	25
<i>Pteris Guibertii</i> . Fronds crested on the end .....	25
<i>Pteris longifolia</i> . Long, arching fronds .....	25
<i>Pteris palmata</i> . Palmate foliage .....	25
<i>Pteris tremula</i> . Long, beautiful fronds .....	25
<i>Pteris Wallichii</i> . Makes a grand specimen.....	25
<i>Todea superba</i> . Beautiful, feathery fronds.....	3 50

## TREE FERNS.

These are considered the finest and most graceful of all plants used for decoration. For the conservatory, greenhouse, or for general decorative purposes there are no plants that can equal them. We have them in all sizes, from one to twelve feet high. Prices and sizes given on application.

<i>Alsophila Australis.</i>	<i>Cyathea medularis.</i>
<i>Alsophila excelsa.</i>	<i>Cyathea Smithii.</i>
<i>Blechnum Braziliensis.</i>	<i>Dicksonia Antarctica.</i>
<i>Cibotium Schiedei.</i>	<i>Dicksonia squarrosa.</i>
<i>Cibotium glaucium.</i>	<i>Lomaria gibba.</i>
<i>Cyathea dealbata.</i>	<i>Lomaria intermedia.</i>

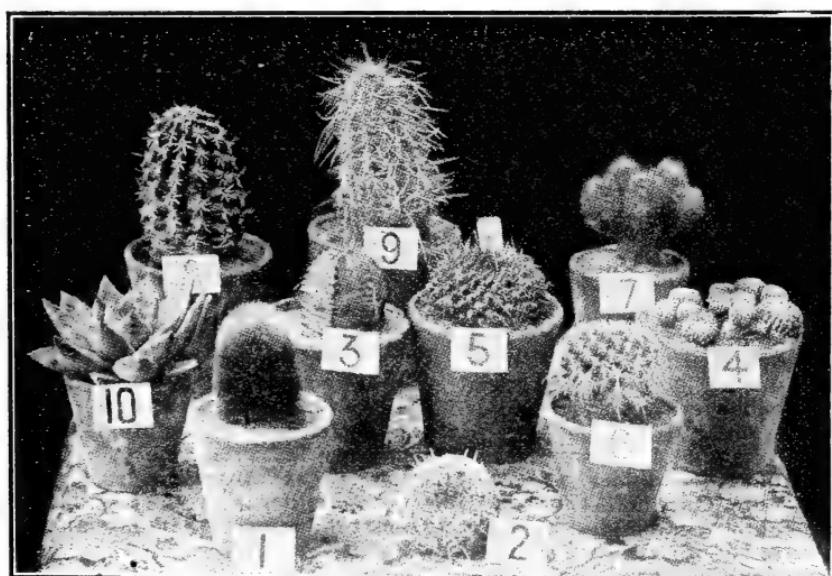
Representatives of Tree Ferns should be in every collection.

## SELAGINELLA.

Beautiful dwarf Ferns or Mosses, suitable for rockwork and pan culture.

	Each.
<i>Africana.</i> Grand, feathery-looking fronds.....	\$0 25
<i>Apis.</i> A dwarf running variety .....	25
<i>Brownii.</i> Very dwarf variety .....	25
<i>Caesia.</i> Beautiful colored leaves. Dwarf .....	25
<i>Caesia arborea.</i> A climbing or running variety .....	50
<i>Caulescens.</i> A beautiful dense sort .....	25
<i>Cognata.</i> An upright variety .....	25
<i>Denticulata</i> (Florida Moss). Spreading dwarf. Green .....	25
<i>Denticulata aurea.</i> A yellow variety of the above.....	25
<i>Emelliana.</i> The most useful of the whole family .....	25
<i>Grandis.</i> A large growing variety .....	50
<i>Haematodes.</i> Fine variety. Good grower .....	25
<i>Martensii.</i> Dark green foliage .....	25
<i>Martensii variegata.</i> Variegated form of the above .....	25
<i>Pitcheriana.</i> Variety having red stems .....	50
<i>Pubescens.</i> A strong growing sort .....	25
<i>Regalis.</i> A beautiful sort .....	50
<i>Serpens.</i> Very dwarf sort .....	25
<i>Viticulosa.</i> One of the best .....	25

Prices on special sizes and varieties on application.



GROUP OF SMALL CACTI.

We have a large assortment of this very interesting plant, including some very rare and large specimens from the collection of the late Louis Menand, of Albany. Come and examine the collection, or write for prices of varieties desired.

## GREENHOUSE VINES, CLIMBERS AND CREEPERS.

For training to the rafters of the greenhouse, for covering the end walls, planting among rockwork, or for hanging along the edges of benches, this class of plants have their use in the greenhouse. The majority of these produce rare and handsome flowers which brighten the greenhouse or are found useful for cut flowers.

Each.

<i>Allamanda Hendersonii.</i>	Strong grower, large yellow flowers	....	\$0 50
<i>Allamanda Williamsii.</i>	Forms compact bush. Flowers yellow	....	50
<i>Aristolochia elegans.</i>	A rapid grower, with creamy and deep purple flowers	....	50
<i>Asparagus decumbens.</i>	Lace-like climber, or drooping vine	....	50
<i>Asparagus plumosus.</i>	Feathery, graceful green foliage	....	50
<i>Asparagus Sprengerii.</i>	Foliage bright glossy green	....	35
<i>Asparagus tenuissimus.</i>	Fluffy, delicate foliage	....	25
<i>Bignonia venusta.</i>	Rapid grower, with coral red flowers	....	1 50
<i>Bignonia capense.</i>	Bushy grower, large, orange colored flowers	....	50
<i>Bougainvillea glabra Sanderiana.</i>	Strong and rapid grower, flowers brilliant rosy crimson, produced in early summer	....	50
<i>Cissus discolor.</i>	Mottled and marbled crimson and green foliage	....	25
<i>Clerodendron Balfourii.</i>	A fine, rapid grower, with red flowers, enveloped in a creamy white calyx	....	50
<i>Dipladenia amabilis.</i>	Large, soft pink flowers	....	1 50
<i>Dipladenia Boliviensis.</i>	Pure white waxy flowers, <i>rare</i>	....	2 50
<i>Dipladenia profusa.</i>	Free flowering variety, rose-colored flowers	....	1 50
<i>Ficus repens.</i>	Small, green foliage, fine for covering walls	....	25
<i>Ficus radicans variegata.</i>	A pretty variegated trailing variety	....	50
<i>Hoya carnosa variegata.</i>	Thick, variegated foliage, waxy pink and white flowers	....	50
<i>Jasminum gracillimum.</i>	Clusters of pure white fragrant flowers	....	50
<i>Jasminum grandiflorum.</i>	Large, yellow fragrant flowers	....	50
<i>Lapageria rosea.</i>	Same as above. Flowers rich rosy crimson	....	3 50
<i>Lapageria rosea alba.</i>	Greenhouse climber. White, waxy, bell-shaped flowers, lasting a long time in bloom	....	3 50
<i>Passiflora Constance Elliott.</i>	Pure white, pink at base of petals	....	50
<i>Passiflora coerulea.</i>	Large, blue flowers, produced freely	....	50
<i>Passiflora fasciata.</i>	Beautiful purple foliage, white flowers	....	50
<i>Passiflora princeps.</i>	Flowers bright red, in clusters	....	2 50
<i>Piper nigrum.</i>	A pendent variety, with dark green leaves	....	25
<i>Plumbago capense.</i>	Cerulean blue flowers, very free	....	50
<i>Plumbago capense alba.</i>	White flowering variety of the above	....	50
<i>Plumbago coccinea.</i>	Flowers bright satiny carmine color, borne on long racemes	....	50
<i>Pothos aurea.</i>	Foliage variegated, blotches of creamy yellow	....	25
<i>Pothos argyrea.</i>	Silvery mottled foliage	....	25
<i>Rhynchospermum Jasminoides.</i>	Grand greenhouse climber, producing in spring masses of white, sweet-scented flowers	....	50
<i>Rhynchospermum Jasminoides variegata.</i>	A variegated form	....	50
<i>Rosa sinica</i> (Cherokee Rose).	Strong grower, beautiful glossy foliage and large, single, white flowers	....	50
<i>Solandra grandiflora.</i>	Large, lily-like flowers, creamy color	....	75
<i>Solanum Jasminoides.</i>	Flowers pure white, borne in clusters	....	25
<i>Solanum Wendlandii.</i>	Strong grower, producing in summer and fall large clusters of blue flowers	....	25
<i>Stephanotis floribunda.</i>	Glossy green foliage, with clusters of pure white sweet-scented flowers	....	50
<i>Stigmaphyllon ciliatum.</i>	Yellow flowers, resembling orchids	....	75
<i>Swainsonia galegifolia alba.</i>	Flowers pure white	....	25

We have many large size specimens for immediate effect. Prices on application.



**CYPRIPEDIUM INSIGNE (Yellow variety).**

Price on application of this or any other rare variety not catalogued.

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We have the largest commercial collection of Orchids in America. Call and convince yourself.

Orchids are the easiest plants to grow.

Orchids are as cheap as any plants.

Orchids are the plants of the future.

# ORCHIDS.

These are undoubtedly the coming flowers, and every greenhouse or conservatory should have at least a few of these floral gems. They are of easy culture, and will grow in any ordinary greenhouse or conservatory, together with other common plants, such as Geraniums, Fuchsias, etc. Most of the varieties can be grown in baskets or on blocks, and suspended from the roof, thus not utilizing any bench room. Orchids, when in bloom and kept in cool places, will last from four to ten weeks in perfection, so that any one having a small collection of Orchids will have some plants in bloom all the year round. Amateurs intending starting to grow Orchids should write for list of such varieties as are best suitable for beginners. The following are a few cultural points: Orchids require a season of growth and a season of rest, corresponding with the wet and dry seasons of their native country. When they are making new growths, they should receive a liberal supply of water until the maximum is reached, when the new bulb is nearly full size; then it should receive just enough water to keep the bulbs from shriveling; as soon as it shows the sign of bloom, water it again until it has done flowering.

The prices quoted are for nice, thrifty, flowering size plants. Prices and sizes of various specimens will be cheerfully given to intending purchasers on application. Complete list of other Orchids on application.

## CATTLEYA.

The Cattleyas are among the most beautiful of the whole Orchid family.

The flowers are all large and elegant, and cannot be surpassed for their sparkling richness and depth of color. They can be easily grown in baskets or pots, with a compost of fibrous peat and moss, with good drainage and a liberal supply of water while growing, but as soon as they have finished their growth, the supply must be greatly decreased.

	Each.
<i>Aurea.</i> Yellow and crimson, rare .....	\$5 00
<i>Bowringiana.</i> Rich purple, easily grown .....	3 00
<i>Citrina</i> (Tulip Orchid). Lemon, sweet scented .....	1 00
<i>Chrysotoxa.</i> Rich crimson, red and yellow, rare .....	5 00
<i>Dowiana.</i> Rich, red and yellow, grand .....	4 00
<i>Gaskelliana.</i> Rosy lilac, free grower .....	2 00
<i>Gigas.</i> Rich, rosy, yellow eyes .....	3 00
<i>Gigas Sanderiana.</i> Rich crimson, yellow eyes .....	5 00
<i>Guttata.</i> Brown and pink, in large trusses .....	3 00
<i>Harrisoniae.</i> Lilac, easy growing plant .....	2 00
<i>Intermedia.</i> Rosy lilac, free flowering species .....	2 00
<i>Labiata</i> (vera). Rosy pink and crimson lip .....	1 50
<i>Leopoldii.</i> Brown and pink, large trusses .....	3 00
<i>Mendellii.</i> White and rose, summer flowering .....	3 00
<i>Mossiae.</i> Rose to crimson red, and yellow .....	2 00
<i>Percivaliana.</i> Rose to crimson, winter flowering .....	2 00
<i>Skinnerii.</i> Rich rose, in large spikes .....	2 00
<i>Schroderae.</i> Soft lilac, yellow throat .....	3 00
<i>Speciosissima.</i> Large, pink to crimson .....	2 00
<i>Trianae.</i> Lilac rose to crimson, the best .....	2 00
<i>Trianae alba.</i> Rare, white form (price on application).	
<i>Warnerii.</i> Rich rose and crimson .....	3 00

## CYPRIPEDIUM

They are the easiest grown of all Orchids. Many of them have beautiful marked foliage as well as flowers, and on this account should have a place in every collection. To be grown to perfection they like abundance of moisture and plenty of drainage, being potted in peat fibre and sphagnum. The flowers last from four to sixteen weeks on a plant, and, when cut, two to four weeks. The star (\*) after the name denotes the variety to be a hybrid.

*Cypripedium*—continued.

	Each.
<b>Albo Purpureum.*</b> Beautiful rosy pink .....	\$3 00
<b>Arthurianum.*</b> Finely dotted and lined .....	3 00
<b>Ashburtoniae.*</b> Reddish brown and white .....	2 00
<b>Barbatum.</b> White and deep purple .....	1 00
<b>Barbatum superbum.</b> Fine form .....	2 00
<b>Barbatum Warnerianum.</b> Fine variety .....	2 00
<b>Bellatulum.</b> White, spotted crimson .....	2 00
<b>Boxallii.</b> Yellowish green, shaded purple, brown .....	2 00
<b>Boxallii superbum.</b> Fine form .....	4 00
<b>Brownii.*</b> Rare hybrid .....	5 00
<b>Calophyllum.*</b> Purple and green .....	3 00
<b>Calurum.*</b> Large rosy crimson .....	2 00
<b>Calurum Rougieri.*</b> Large flowering variety .....	4 00
<b>Cardinale.*</b> White and rich crimson, choice .....	2 00
<b>Caudatum.</b> Very large flowers, petals, 24 inches long .....	3 00
<b>Chamberlainianum.</b> Newly discovered species .....	3 50
<b>Charlesworthii.</b> Beautiful pink color .....	2 00
<b>Conchiferum.*</b> Yellow and purple .....	2 00
<b>Crossianum.*</b> Tawny yellow .....	2 00
<b>Curtisii.</b> Large purple and white flowers .....	3 00
<b>Dauthieri.*</b> Free flowering, reddish purple .....	2 50
<b>Dayanum.</b> Pale colored with dark stripes .....	3 00
<b>Dominianum.*</b> Very free growing and flowering .....	1 00
<b>Grande.*</b> Enormous flowers, 3 to 4 on a spike .....	2 00
<b>Harrisianum.*</b> Flowering several times a year .....	1 50
<b>Harrisianum luteolum.*</b> Yellow variety .....	4 00
<b>Harrisianum nigrum.*</b> Rich dark form .....	4 00
<b>Harrisianum superbum.*</b> Grand and rare form .....	5 00
<b>Haynaldiamum.</b> Three to five flowers on long stems .....	3 00
<b>Hirsutissimum.</b> Very large, green and purple .....	2 00
<b>Hookerae.</b> Beautiful foliage and flowers .....	1 00
<b>Insigne.</b> Free growing and popular variety .....	1 00
<b>Insigne Chantinii.</b> White, with purple spots .....	3 00
<b>Insigne maximum.</b> Larger than the type .....	2 00
<b>Josephianum.*</b> Rare hybrid .....	7 50
<b>Lawrenceanum.</b> White and purple, striped flowers .....	2 00
<b>Leeanum.*</b> Sepal white, dotted with pink .....	2 00
<b>Leeanum superbum.</b> Beautiful form .....	5 00
<b>Leucorrhodum.*</b> Grand, shell pink color, rare .....	5 00
<b>Longifolium.</b> Tawny yellow, profuse bloomer .....	2 00
<b>Macropterum.*</b> Rare hybrid. Price on application.	
<b>Morganiae.*</b> The finest. Price on application.	
<b>Nitens.</b> Yellow and white flowers .....	3 00
<b>Oenanthum.*</b> Showy, claret purple and white .....	2 50
<b>Parishii.</b> Numerous green and purple flowers .....	4 00
<b>Porphyreum.*</b> Deep rose, free flowering .....	2 00
<b>Roezlii.</b> Green and rose, very floriferous .....	2 00
<b>Rothschildianum.</b> Very large and striking, scarce .....	7 50
<b>Schlimgii.</b> Small, white and rosy flowers .....	2 50
<b>Schroederae.*</b> Very large, rosy crimson flowers .....	3 00
<b>Sedenii.*</b> Very floriferous, rose colored .....	1 00
<b>Sedenii candidulum.</b> Soft rose .....	3 00
<b>Selligerum.*</b> Large, brown, purple and white flowers .....	3 00
<b>Spicerianum.</b> Lovely flower, with white dorsal sepal .....	2 00
<b>Superciliare.*</b> White and purple, free grower .....	3 00
<b>Stoneii.</b> Large white and purple flowers .....	3 00
<b>Superbiens (Veitchii).</b> Fine, rare species .....	4 00
<b>Venustum.</b> Green and tawny yellow .....	1 00
<b>Villosum.</b> Shiny surface, as if varnished .....	2 00
<b>Villosum superbum</b> .....	5 00

Larger plants of any of the above varieties on application.  
Many other varieties. Ask for complete list.

## LAELIA.

This is a lovely genus, and one of the most valuable for cut-flower purposes. Most of the species are vigorous and compact in growth, with evergreen leaves much like the Cattleyas, to which they are strongly allied, and many are of equal beauty when in bloom. They do best in baskets or pots, with a compost of fibrous peat and good drainage.

	Each.
<b>Albida.</b> White, with lilac lip .....	\$1 00
<b>Anceps.</b> Rose to rich crimson, free grower .....	1 00
<b>Anceps alba.</b> Rare white variety of the former .....	5 00
<b>Arnoldiana.</b> Rose, flowers in autumn .....	2 50
<b>Autumnalis.</b> Rich rose, large flowers .....	1 50
<b>Dayana.</b> Fine rose and crimson .....	2 00
<b>Elegans.</b> Rare natural hybrid, variable .....	7 50
<b>Elegans.</b> Choice varieties. Price on application.	
<b>Gouldiana.</b> Rich crimson. Price on application.	
<b>Lindleyana.</b> Light pink flowers .....	5 00
<b>Majalis.</b> Large rosy flowers .....	1 00
<b>Perrinii.</b> Large flower, dark lip .....	3 00
<b>Purpurata.</b> Large white, crimson lip, grand .....	2 50
Other varieties. Also specimen price on application.	

## DENDROBIUM.

This is a very extensive as well as a magnificent genus of Orchids, with tall jointed stems, bearing racemes of handsome flowers, especially fine for cutting. Some of the varieties produce fine large showy flowers, which are delicate in color and delightfully fragrant. They grow best in baskets, and while growing should never get dry, but during rest should be kept cool and dry.

	Each.
<b>Ainsworthii.</b> Hybrid, beautiful, rosy white .....	\$4 50
<b>Bensoniae.</b> Beautiful pure white .....	3 00
<b>Calceolaria.</b> Fine large buff-colored flowers .....	2 00
<b>Chrysotoxum.</b> Rich yellow flowers .....	2 50
<b>Crassinode.</b> White rose flowered plants .....	2 50
<b>Dalhousianum.</b> Very large buff and crimson .....	2 50
<b>Densiflorum.</b> Deep yellow bunches of flowers .....	3 00
<b>Devonianum.</b> Beautiful white and pink flowers .....	3 50
<b>Farmerii.</b> Delicate lilac and yellow .....	3 00
<b>Fimbriatum.</b> Fine spikes of yellow flowers .....	3 00
<b>Fimbriatum oculatum.</b> Variety, with dark eye .....	5 00
<b>Formosum giganteum.</b> White, waxy flower, large .....	2 00
<b>Heterocarpum.</b> Fine primrose, yellow sweet .....	2 00
<b>Jamesianum.</b> Pure white, fine .....	2 50
<b>Macrophyllum giganteum.</b> Large purple flowers .....	2 00
<b>Moschatum.</b> Buff color flower in summer .....	2 00
<b>Nobile.</b> Free grower, white and pink flowers .....	1 00
<b>Nobile Album.</b> Rare. Price on application.	
<b>Nobile South Orange variety.</b> Rich crimson variety .....	3 00
<b>Phalaenopsis Schroderae.</b> Large rose flowers .....	2 00
<b>Pierardii.</b> Pearl white flowers .....	2 00
<b>Thrysiflorum.</b> Bunches of white and yellow flowers .....	3 00
<b>Wardianum.</b> Large white flowers, tipped with pink .....	2 00
Other varieties and large sizes, price on application.	

**We have Orchids in flower every day of the year.  
Call and see the beautiful Plants. Orchid cut flowers supplied.**

## ODONTOGLOSSUM.

This genus contains some of the choicest and most useful Orchids in cultivation. The flowers of the Odontoglossum are very beautiful and last a long time in perfection. Shade, moisture and cool temperature in summer are very essential to their well being. A little sun in winter is preferable, as it ripens the bulb, which is necessary to produce fine flowers. Plant in pots or baskets, in rough, fibrous peat and moss, with good drainage, and give plenty of water.

	Each.
<b>Bicotinense.</b> Long spikes of lilac, brown colors .....	\$2 00
<b>Citrosum.</b> Drooping spikes, white flowers .....	2 00
<b>Crispum.</b> White spotted, the best cool Orchid .....	2 00
<b>Grande</b> (Baby Orchid). Large, yellow, red brown .....	2 00
<b>Maculatum.</b> Yellow and brown flowers .....	2 00
<b>Nebulosum.</b> Large white lip, spotted .....	2 00
<b>Rossii majus.</b> Free grower, white and brown flowers .....	1 00

## ONCIDIUM.

This genus comprises some very showy plants, with long arching spikes of mostly yellow, often sweet-scented flowers. They grow best in baskets and blocks, in temperate house, with plenty of air, and the resting period well marked.

	Each.
<b>Altissimum.</b> Long stems, yellow flowers .....	\$3 00
<b>Cavendishianum.</b> Yellow and brown flowers .....	2 00
<b>Crispum.</b> Fine rich brown and yellow .....	2 00
<b>Oncidium flexuosum.</b> Pure yellow, arching spikes .....	2 00
<b>Oncidium Forbesii.</b> Red-brown and yellow flowers .....	2 00
<b>Oncidium St. Legerianum.</b> Yellow and purple flowers .....	3 00
<b>Ornithorhynchum.</b> Covered with lilac, sweet flowers .....	1 50
<b>Papilio</b> (Butterfly Orchid). Large yellow and red .....	2 00
<b>Sphacelatum.</b> Long stems of yellow flowers .....	2 00
<b>Splendidum.</b> Large yellow and brown flowers .....	3 00
<b>Tigrinum.</b> Large yellow, sweet-scented species .....	2 00
<b>Unguiculatum.</b> Yellow and brown flowers .....	2 00
<b>Varicosum.</b> Large yellow flowers, arching spikes .....	1 00
<b>Varicosum Rogersii.</b> Grand variety of the former .....	2 00

## VANDA.

This genus is composed of stately plants, with large massive foliage and fine showy flowers, and on that account should be in every collection. They do best in warm greenhouses, planted in baskets and suspended from the roof, with liberal supply of water in the growing season.

	Each.
<b>Amesiana.</b> White, with purple lip .....	\$5 00
<b>Batemanii.</b> Rich brown and yellow, rare .....	7 50
<b>Coerulea.</b> Beautiful blue flowers, fine .....	2 50
<b>Dennisoniana.</b> Ivory white flowers, rare .....	5 00
<b>Sanderiana.</b> Large and rare. Price on application.	
<b>Suavis.</b> Large lilac and crimson flowers .....	5 00
<b>Tricolor.</b> Fine brown and purple flowers .....	5 00

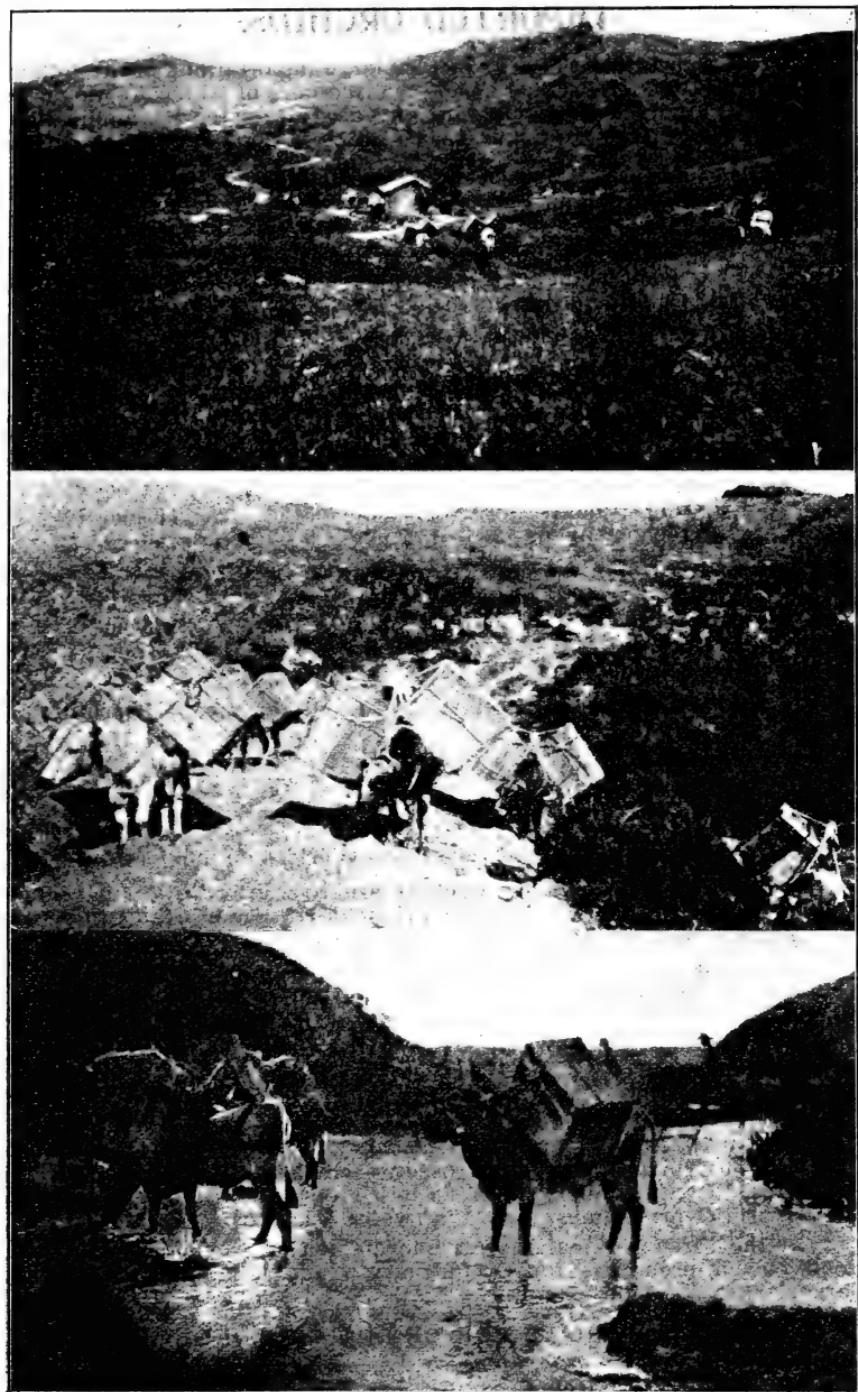
## VARIOUS ORCHIDS.

	Each.
<b>Aerides odoratum.</b> Sweet scented, white and pink .....	\$2 50
<b>Angraecum eburneum superbium.</b> Fine variety .....	3 50
<b>Angraecum Leonis.</b> Ivory white flowers .....	3 00
<b>Angraecum sesquipedale.</b> Gigantic ivory-like flowers .....	7 50
<b>Ansellia Africana.</b> Yellow and brown, rare .....	7 50
<b>Brassavola Digbyana.</b> White flowers, very large .....	5 00
<b>Brassavola glauca.</b> Large creamy flowers .....	1 00
<b>Brassia Verrucosa.</b> Long arching spikes .....	2 00
<b>Calanthe Regnerii.</b> Beautiful variety .....	2 00
<b>Calanthe Veitchii.</b> Rich pink flowers on long stems .....	1 00

	Each.
<i>Calanthe Veitchii</i> , McWilliam's var. Rich color .....	\$3 50
<i>Calanthe Veitchii</i> Whitin's var. Compact spikes .....	3 50
<i>Calanthe vestita</i> . Arching spikes of white flowers .....	1 00
<i>Calanthe Sandhurstiana</i> . Fine hybrid .....	3 00
<i>Chysis aurea</i> . Yellow and brown flowers .....	1 50
<i>Chysis bractescens</i> . White waxy flowers .....	1 50
<i>Coelogyne cristata</i> . Fine, winter flowering .....	1 00
<i>Coelogyne cristata alba</i> . White, useful, free grower .....	3 00
<i>Coelogyne Dayana</i> . Fine rose and crimson flower .....	3 00
<i>Coelogyne Massangeana</i> . Yellowish flowers .....	2 00
<i>Coelogyne lenticinosa</i> . White and yellow .....	3 00
<i>Coelogyne ocellata</i> . White, yellow markings .....	3 00
<i>Cymbidium aloifolium</i> . Long spikes of brown flowers .....	2 00
<i>Cymbidium eburneo Lowianum</i> . Rare hybrid .....	10 00
<i>Cymbidium eburneum</i> . Large white, waxy flowers .....	3 00
<i>Cymbidium giganteum</i> . Green and brown flowers .....	3 00
<i>Cymbidium Lowii</i> . Pea green flowers on long spikes .....	3 00
<i>Dendrochilum glumaceum</i> . Spikes of white flowers .....	2 00
<i>Dendrochilum glumaceum superbum</i> . Larger spikes .....	7 50
<i>Epidendrum O'Brienii</i> . Fine hybrid .....	3 00
<i>Epidendrum ciliare</i> . White flowers .....	2 00
<i>Epidendrum vitellinum majus</i> . Rich orange red .....	1 00
<i>Lycaste aromatica</i> . Yellow, sweet scented .....	1 00
<i>Lycaste cruenta</i> . Rich yellow, free grower .....	2 00
<i>Lycaste Deppei</i> . Yellowish and white .....	1 00
<i>Lycaste lasioglossa</i> . Yellow and brown, rare .....	7 50
<i>Lycaste Skinnerii</i> . Light to deep rose, useful plant .....	2 00
<i>Maxillaria picta</i> . Yellow and brown, sweet scented .....	2 00
<i>Maxillaria tenuifolia</i> . Brownish flowers, very fine .....	1 00
<i>Miltonia Clowesii</i> . Chestnut brown, long spikes .....	2 00
<i>Miltonia spectabilis</i> . White, with rosy lip .....	2 00
<i>Peristeria elata</i> (Holy Ghost Plant). Pure white .....	3 00
<i>Phaius grandifolius</i> . Terrestrial, white and brown .....	1 50
<i>Phaius maculatus</i> . Spotted leaves, yellow .....	2 00
<i>Phalaenopsis amabilis</i> . Long stems, white flowers .....	5 00
<i>Phalaenopsis grandifolia</i> . Large white flowers .....	5 00
<i>Phalaenopsis Luddemanniana</i> . Rose and brown flowers .....	5 00
<i>Phalaenopsis Schilleriana</i> . Spikes of lilac flowers .....	7 50
<i>Schomburgkia crispa</i> . Yellowish .....	2 00
<i>Schomburgkia Tibicina</i> . Yellow and white .....	2 00
<i>Sobralia macrantha</i> . Large purple flowers, terrestrial .....	3 00
<i>Sophronitis grandiflora</i> . Bright orange red .....	2 00
<i>Stanhopea Devoniensis</i> . Rare and showy variety .....	5 00
<i>Stanhopea oculata</i> . Large fragrant flowers .....	2 00
<i>Stanhopea Tigrina</i> . Red and yellow, large .....	2 00
<i>Thunia alba</i> . White, showy flowers .....	2 00
<i>Zygopetalum Mackayii</i> . Sweet scented, free grower .....	2 00
<i>Zygopetalum intermedium</i> . Large flower .....	3 00
<i>Zygopetalum crinitum</i> . Chocolate and purple .....	2 00

Besides the above varieties we have in stock many choice and rare kinds; also large exhibition specimens of the above described varieties, and would be pleased to furnish special list on application. Do not purchase any Orchids before consulting us. Manda's Round Orchid Baskets and Orchid Peat and Moss of the best quality furnished.

We have frequent importations of Orchids gathered by our collectors in the tropics. If interested would be pleased to send you special offer of importations on their arrival.



The above illustration shows the transportation of orchids from their native homes. After risking their lives in collecting same, the collectors have to cut down trees, saw out boards by hand, make boxes into which the plants are packed; and then, transported on the backs of men or animals sometimes hundreds of miles before reaching the coast where they are shipped to New York reaching South Orange, from where they are reshipped all over the country either in their dormant condition or after they have been established.

## IMPORTED ORCHIDS.

We expect during the year of 1909 large importations of the following leading kinds of Orchids beside many others of which we would be pleased to give full particulars to any one interested on application. The following prices are for first class stock in good healthy condition.

**Cattleya Trianae, C. Mossiae, C. Percivaliana, C. Harrisoniae, C. Skinnerii, Dendrobium, Formosum giganteum, Oncidium, Rogersii.**

	Each.	Per Doz.
Nice plants.....	5 to 7 Bulbs	\$0 75
Strong plants.....	8 " 11 "	1 50
Extra fine plants...	12 " 15 "	2 50
Selected specimens	18 " 25 "	3 50

Cases of any above variety special low price on application.

**Cattleya Gigas, C. Gigas Sanderiana, C. Schroederae, C. Mendellii, Laelia Purpurata, Dendrobium, Wardianum.**

	Each.	Per Doz.
Nice plants.....	5 to 7 Bulbs	\$1 25
Strong plants.....	7 " 9 "	2 50
Extra fine plants..	9 " 12 "	3 50
Selected specimens	12 " 15 "	5 00

**Cattleya Warnerii, C. Aurea, C. Dowiana, C. Chrysotoxa.**

	Each.	Per Doz.
Nice plants.....	5 to 6 Bulbs	\$3 50
Strong plants.....	7 " 9 "	5 00
Selected specimens	10 " 15 "	7 50

**Cattleya Labiata, C. Speciosissima, C. Gaskelliana, Laelia Perrinii.**

	Each.	Per Doz.
Nice plants.....	5 to 7 Bulbs	\$1 00
Strong plants.....	7 " 9 "	1 75
Extra fine plants..	9 " 12 "	2 75
Selected specimens	12 " 15 "	3 75

Cases of any of the above varieties low prices on application.

Please remember all our Orchids are cool grown. We have not nor ever had the dreaded Cattleya Fly or any other injurious insect.

Special offer of Albino forms and rare varieties of Cattleyas and other Orchids; also yellow forms of Cypripediums on application.

Special offer of Hybrid Cattleyas and Laelio-Cattleyas unflowered, nice thrifty plants, that will flower this year. Strong plants, five to ten bulbs, from the best crosses, which will produce some extraordinary fine forms.

One Hybrid, our selection, for \$10.00.

Six Hybrids, of six distinct crosses, for \$45.00.

Twelve Hybrids, of twelve distinct crosses for 90.00.

Hybrid Cypripediums, best crosses, each \$5.00.

Hybrid Cypripediums, six in six best crosses, for \$25.00.

Hybrid Cypripediums, twelve in twelve best crosses, for \$50.00.

At the First National Flower Show, Chicago, November, 1908, we took eleven premiums for Orchid plants and Orchid flowers. The largest of any Orchid exhibitor.

**MATERIALS FOR ORCHID CULTURE.**

*Per Bbl.*

<b>Fibrous Peat</b> , picked, ready for use.....	\$4 50
<b>Fibrous Peat</b> , as collected.....	2 75
<b>Sphagnum Moss</b> , picked .....	4 50
<b>Sphagnum Moss</b> , as collected.....	2 75

**MANDA'S NEW ROUND ORCHID BASKET.**

Introduced by me and awarded 100 points for same at an exhibition, and now copied by many. (The sincerest form of flattery.) These baskets are best for Orchid culture. Made of round turned sticks of best oak and fastened by copper wire. Price per dozen, 4 inch \$1.65, 5 inch \$2.00, 6 inch \$2.50, 7 inch \$3.00, 8 inch \$3.50, 10 inch \$4.50, 12 inch \$5.00 per dozen.

# SEEDS.

This important department has our careful attention, knowing the necessity of pure, good, and true seed. Instead of giving showy and highly colored packets, we will endeavor to put all that unnecessary expense into the seed, the article that the customer wishes to procure. It should never be the question with the buyer, "How cheap can I buy my seeds?" but "Where can I procure the very best of seeds?" A penny saved in the first instance may bring not only failure and disappointment, but labor wasted and a whole season lost. Yet a great deal depends on the season, soil, and attention given to the crops, and therefore we wish to draw our customers' attention to the usual disclaimer: That while we exercise the greatest care in having all seeds pure, true, and good, our seeds are sold without any warranty, expressed or implied, and without any responsibility in respect to crop. If our seeds are not accepted on these terms, they must be returned at once.

## CHOICE VEGETABLE SEEDS.

This section will be found to contain all the best varieties for family use.

### BEANS.

#### DWARF, OR SNAP BEANS.

**CULTURE.**—In early May, in a warm and sheltered spot, sow in drills about two inches deep and eighteen inches apart. Sow every two weeks for a succession.

	Qt.	Pk.
<b>Best of All.</b> Early round, fleshy pods .....	\$0 30	\$1 50
<b>Dwarf Horticultural.</b> Late productive .....	30	1 50
<b>Early Mohawk.</b> Long, flat pods, hardy .....	30	1 50
<b>Extra Early Refugee.</b> Earlier than Refugee .....	30	1 50
<b>Extra Early Valentine.</b> Fine dwarf bean .....	30	1 50
<b>Long Yellow Six Weeks.</b> Fine sort .....	25	1 25
<b>Round Yellow Six Weeks.</b> Early. Market sort .....	25	1 25
<b>Refugee, or 1000 to 1.</b> Productive and tender.....	30	1 50

#### DWARF WAX BEANS.

	Qt.	Pk.
<b>Black-Eyed Wax.</b> Very productive .....	\$0 30	\$1 75
<b>Golden-Eyed Wax.</b> Free from rust, hardy .....	30	1 75
<b>Improved Golden Wax.</b> Round golden pods .....	30	1 75
<b>Improved Prolific Black Wax.</b> Stringless and fine .....	30	1 75
<b>Perfection Wax.</b> One of the best .....	35	2 00
<b>Refugee Wax.</b> The earliest wax bean .....	35	2 00
<b>Wardwell's Kidney Wax.</b> Free from rust .....	35	2 00

#### DWARF WHITE LIMA BEANS.

	Qt.	Pk.
<b>Burpee's Bush Lima</b> .....	\$0 50	
<b>Dwarf Sieva.</b> (Henderson's Bush Lima.) .....	50	
<b>Dreer's Bush Lima.</b> Good variety .....	50	

### POLE OR RUNNING BEANS.

**CULTURE.**—Sow as soon as the soil is warm and dry, about the end of May, in hills about four feet apart each way. Poles eight to ten feet long should be firmly set in the centre of the hills before putting in the seed.

	Qt.	Pk.
Challenger. One of the best .....	\$0 40	\$2 25
Golden Cluster. Early .....	40	2 25
Horticultural, or Speckled Cranberry. Fine .....	30	1 75
Jersey Extra Early. Lima. Largely grown .....	40	2 25
King of the Garden Lima. Large in pod and bean.....	40	2 25
Small White Lima. Small, good quality .....	40	2 00

### BEET.

**CULTURE.**—Sow as early as possible in the spring and every two weeks after for a succession up to the first week in July. The soil should be light and well manured. Sow in drills about fifteen inches apart, and thin from four to six inches after they are well up.

	Oz.	1/4 lb.
Dewing's Early. Fine form and flavor .....	\$0 10	\$0 20
Extra Early Egyptian. Very early and good .....	10	20
Extra Early Eclipse. Round-rooted .....	10	20
Early Bassano. Early, flat, light color .....	10	20
Edmand Blood Turnip. Very fine and tender.....	10	20
Early Blood Turnip. Productive, good quality .....	10	20
Long Smooth Blood Red. Fine .....	10	25

### BEETS—MANGEL-WURZEL, SUGAR, ETC.

**CULTURE.**—Before planting, soil must be well plowed, eighteen inches or more. Sow in May in rows eighteen inches apart, and thin to eight inches in the rows.

	Oz.	1/4 lb.
Champion Yellow Globe. Very fine sort .....	\$0 10	\$0 15
Golden Tankard. Productive variety .....	10	15
Long Yellow. A good main crop .....	10	15
Mammoth Long Red. Very large strain.....	10	15

### BRUSSELS SPROUTS.

**CULTURE.**—Sow in May and transplant in July, about twelve inches apart in the rows, which should be eighteen inches to two feet apart.

	Pkt.	Oz.
Best French, or Roseberry. Good sort .....	\$0 05	\$0 25
Improved Dwarf. Compact heads of fine quality .....	5	25

### CABBAGE.

**CULTURE.**—Soil for cabbage should be a heavy loam. On such soil, well manured, excellent crops are sure to be grown. Sow the seed in hotbeds in February and March, or it may be sown about the middle of September and wintered over in coldframes. Transplant in spring as soon as the ground can be worked, in rows about two feet apart, and eighteen inches apart in the row.

	Pkt.	Oz.
American Drumhead. Fine for general crop .....	\$0 05	\$0 25
Drumhead Savoy. Winter and spring sort .....	5	25
Early Dwarf Savoy. The earliest Savoy .....	5	20
Early Jersey Wakefield. Most valuable for early.....	5	30
Early York. Early, heads solid .....	5	20
Early Winnigstadt. One of the best for general use.....	5	20
Improved Early Summer. Fine for second-early .....	5	30
Premium Flat Dutch. Excellent market variety .....	10	30
Red Dutch. A useful sort for pickling .....	5	25
Selected All-Seasons. Second-early or late .....	5	25
Succession. Large early summer variety .....	5	20

## CARROT.

**CULTURE.**—For early crops sow as soon as the ground can be worked, and for late crops in May, in rows fifteen inches apart. Thin out young plants to five inches, and keep surface open by frequent use of the hoe.

	Pkt.	Oz.	1/4 lb.
Altringham. Long scarlet; productive .....	\$0 05	\$0 15	\$0 30
Early Forcing. Tender and fine .....	5	15	30
Half-Long Stump-Rooted. Nantes strain.....	5	15	30
Half-Long Stump-Rooted. Chantenay strain.....	5	15	30
Half-Long Stump-Rooted. Carentan .....	5	15	35
Half-Long Danvers. Good quality .....	5	15	30
Long Orange Imp. Largely grown .....	5	10	25

## CAULIFLOWER.

**CULTURE.**—This is the same as cabbage, except that extra manure and plenty of water will pay upon this.

	Pkt.	Oz.
Extra Early Dwarf Erfurt. Very fine, short .....	\$0 50	\$6 00
Early Snowball. One of the best for forcing .....	25	3 00
Lenormand Short-Stem. Very large .....	10	75
Large Algiers. Of enormous size .....	10	65

## CELERY.

**CULTURE.**—Sow in open ground as soon as it is fit to work in April. In June and July plant in rows ten to twelve inches apart, and set six inches apart in the rows. About the middle of August we begin the "earthing up" necessary for blanching. After the soil has been drawn up against the plant, it is pressed around each plant by the hand firmly enough to keep the leaves in an upright position, using care to prevent the soil from falling into the heart of the plant.

	Pkt.	Oz.
Boston Market Dwarf. Solid and crisp.....	\$0 05	\$0 25
Giant Gold Heart. A very good sort .....	5	25
Giant Pascal. Excellent flavor and fine keeping variety..	10	25
Golden Self-Blanching. On the style of White Plume, except that it is yellow .....	10	50
Golden Dwarf. When blanched the heart is golden yellow.	10	30
Half-Dwarf. White variety, nutty flavor.....	5	25
Improved Dwarf White. The best dwarf variety grown..	5	25
Major Clark's Pink. Stiff, close habit, nutty flavor.....	5	25
Perfection Heartwell. The finest and largest winter variety .....	10	30
Rose Dwarf. Extra fine.....	5	25
White Plume. Naturally light foliage. largely grown....	5	25
Celeriac Large Smooth. Turnip-rooted .....	5	25

## CORN, SWEET OR SUGAR.

**CULTURE.**—Plant in hills three feet apart each way, or in drills about four feet apart, and plants thinned out to eight or ten inches apart. Sow in succession every two weeks from the beginning of May until the middle of July, and by properly selecting the varieties a continuous supply can be had until killed by the frost.

### EXTRA EARLY.

	Qt.	Pk.
Early Cory. A very early variety .....	\$0 20	\$1 25
Marblehead. One of the earliest .....	20	1 25
Perry's Hybrid. Early and large size .....	20	1 25

### INTERMEDIATE.

Crosby. Fair-sized, good quality .....	\$0 20	\$1 25
Everbearing. A good cropper .....	20	1 25
Moore Concord. Strong grower, large .....	20	1 25

### GENERAL CROP.

Early Mammoth. Very productive .....	\$0 20	\$1 25
Stowell's Evergreen. The most popular .....	20	1 25

## LATE.

	Qt.	Pk.
<b>Country Gentleman.</b> Very large ears .....	\$0 35	\$1 75
<b>Egyptian.</b> Large, and good quality .....	20	1 25
<b>Late Mammoth.</b> Large growth and ears .....	20	1 25
<b>Fodder Corn.</b> For stock .....	2 00	per bu.

## CUCUMBER.

**CULTURE.**—Cucumbers succeed best in warm, sandy loam. They should not be planted in the open air until warm, settled weather; in the vicinity of New York, toward the end of May. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is passed, thin out the plants, leaving four of the strongest.

	Pkt.	Oz.
<b>Boston Pickling.</b> A fine variety .....	\$0 05	\$0 10
<b>Early Frame.</b> Good for forcing .....	5	10
<b>Early Russian.</b> Very early; short; valuable for pickling.	5	10
<b>Early White Spine.</b> Improved, early; good for pickling or table use .....	5	10
<b>Everbearing.</b> Enormously productive; small; good as green pickler .....	5	10
<b>Evergreen White Spine.</b> Very prolific .....	5	10
<b>Green Prolific Pickling.</b> Of uniform small size; valuable for pickling .....	5	10
<b>Improved White Spine Arlington.</b> One of the best for the table .....	5	10
<b>Jersey Pickling.</b> A fine variety .....	5	10
<b>Long Green.</b> Popular for pickling .....	5	10
<b>Nicholas Medium Green.</b> Fine for table .....	5	10
<b>Peerless.</b> A fine strain of White Spine .....	5	10
<b>Small Gherkin.</b> Very small burr, used for pickles.....	5	20
<b>Tailby Hybrid.</b> Long, fine for table use.....	5	10
<b>Telegraph.</b> For Frames or Greenhouse .....	25	..

## EGG PLANT.

**CULTURE.**—Sow in hotbeds very early in spring, and transplant when two inches high into small pots. Plant out about the second week in June. If planted earlier, they are liable to get checked by cool nights or wet weather. Set out plants three feet by two.

	Pkt.	Oz.
<b>Black Pekin.</b> Fruit blackish purple.....	\$0 10	\$0 40
<b>Improved New York Purple.</b> The best.....	10	50

## ENDIVE.

**CULTURE.**—Sow in June, July, or August. When the leaves get about eight inches long, blanch by gathering in the hand and tying together near the top with string or bast. This must be done when quite dry, or they will rot. When winter approaches, lift carefully with a ball of earth to each plant, and place close together in a frame or cellar. Keep dry and give plenty of air.

	Pkt.	Oz.
<b>Broad-Leaved Green.</b> A sweet variety .....	\$0 05	\$0 20
<b>Green Curled Winter.</b> The standard sort .....	5	20
<b>Large Green Curled.</b> Broad ribs, good.....	5	20
<b>Moss Curled.</b> Very fine variety.....	5	20

## KOHL-RABI.

**CULTURE.**—Sow seed in June in rows eighteen inches apart. Thin out plants to about ten inches.

	Pkt.	Oz.
<b>Early White Vienna.</b> White ball, delicate flavor.....	\$0 10	\$0 30
<b>Early Purple Vienna.</b> Purple ball.....	10	35
<b>Large White or Green.</b> Very productive .....	5	15

**LEEK.**

**CULTURE.**—Sow very early in spring in drills one inch deep and one foot apart. Thin out to one inch. When six or seven inches high, transplant in rows fifteen inches apart and ten inches in the row. Plant as deep as possible, but do not cover the young centre leaves.

	<i>Pkt.</i>	<i>Oz.</i>
<b>Large American Flag.</b> The most desirable .....	\$0 05	\$0 25
<b>Large Rouen Winter.</b> A standard sort .....	5	25
<b>Large Carentan.</b> Fine variety, stout .....	5	25

**LETTUCE.**

**CULTURE.**—For early crop sow in open ground in September, and transplant to coldframes as soon as large enough to handle, being wintered over in the same way as early cabbage. Also sow in hotbeds in March, and set out in April.

	<i>Pkt.</i>	<i>Oz.</i>
<b>All the Year Round.</b> Good for summer.....	\$0 05	\$0 20
<b>Black-Seeded Simpson.</b> Standard sort .....	5	20
<b>Boston Market.</b> One of the best for forcing .....	5	20
<b>Blond Blockhead.</b> Good summer .....	10	25
<b>White-Seeded Simpson.</b> Stands summer well .....	5	20
<b>Drumhead, or Malta.</b> One of the finest summer sorts.....	5	20
<b>Golden Stone-Head.</b> Small but solid .....	5	20
<b>Hanson.</b> Heads large, excellent quality .....	5	20
<b>New York.</b> A good variety .....	10	25
<b>Paris White Cos.</b> Fine for summer .....	5	20
<b>Perpignan Head.</b> Finest summer sort .....	5	20
<b>Salamander.</b> One of the best summer varieties.....	5	20
<b>Trianon Self-Closing Cos.</b> The finest .....	5	20
<b>Tennisball Black-Seeded.</b> Very fine.....	5	20
<b>Tennisball White-Seeded.</b> A good forcing sort .....	5	20

**MELON, MUSK.**

**CULTURE.**—Cultivate in hills five to six feet apart each way, and composed of light, sandy, rich soil. When the ground has become warm and dry, plant eight to ten seeds in a hill. When up, and all danger of insects is past, thin out to three or four. When the vines have covered the ground, pinch the ends of the growing shoots to induce early fruiting.

	<i>Pkt.</i>	<i>Oz.</i>
<b>Banquet.</b> Fine table variety .....	\$0 05	\$0 15
<b>Delmonico.</b> Oval, large, orange flesh .....	5	15
<b>Emerald Gem.</b> Small, extra early, sweet .....	5	15
<b>Early Hackensack.</b> Earlier than "Hackensack" .....	5	15
<b>Golden Netted Gem.</b> Very early, fine flavor .....	5	15
<b>Hackensack.</b> Large, round, good quality .....	5	15
<b>Improved Christiana.</b> Yellow flesh, excellent .....	5	15
<b>Jenny Lind.</b> Small, early, good quality .....	5	15
<b>Nutmeg.</b> Good for main crop .....	5	15
<b>Pineapple.</b> Sweet and high flavored .....	5	15
<b>Perfection.</b> Good sort .....	5	15

**NASTURTIUM.**

**CULTURE.**—Sow in early spring in drills one inch deep. The tall-growing varieties should have trellises to grow over.

	<i>Pkt.</i>	<i>Oz.</i>	<i>1/4 lb</i>
<b>Dwarf Mixed.</b> Tom Thumb .....	\$0 05	\$0 10	\$0 30
<b>Tall Mixed</b> .....	5	10	30

## ONION.

**CULTURE.**—Sow as early in the spring as practicable in rich, light soil, in drills about fifteen inches apart, and when the plants are up thin to three or four inches. Hoe frequently to keep down the weeds.

	<i>Pkt.</i>	<i>Oz.</i>	<i>1/4 lb.</i>
Adriatic Barletta. The earliest, white .....	\$0 10	\$0 30	\$0 85
Large White Portugal. Standard sort .....	10	35	1 25
Large Red Wethersfield. Half early .....	10	25	75
Queen. Small, early sort .....	10	30	85
Southport Yellow Globe .....	10	30	1 00
Southport White Globe .....	10	30	1 00
Southport Red Globe .....	10	30	1 00
White Mammoth Flat .....	10	30	1 00
Yellow Danvers. A standard sort .....	10	25	75
Yellow Globe Danvers .....	10	25	75
Yellow Globe Spanish, or Prize Taker .....	10	30	1 00

For Onion Sets, see Roots.

## OKRA, OR GOMBO.

**CULTURE.**—Sow late in spring, in drills three feet apart. Thin out from nine to twelve inches. They should be well manured.

	<i>Pkt.</i>	<i>Oz.</i>
Dwarf Green. The standard .....	\$0 05	\$0 10
New Dwarf Prolific. Fine .....	5	10
White Velvet. Tender white pods .....	5	10

## PARSNIP.

**CULTURE.**—Sow as early in spring as the ground can be worked, in good soil, eighteen inches apart. Thin out to six or eight inches in the rows. Hoe and cultivate often to keep down weeds.

	<i>Pkt.</i>	<i>Oz.</i>	<i>1/4 lb.</i>
Early Round. Fine .....	\$0 05	\$0 10	\$0 20
Hollow Crown. The standard variety .....	5	10	20
Long White. Fine variety .....	5	10	20

## PARSLEY.

**CULTURE.**—Sow in early spring, in rows twelve inches apart. Thin out the plants to four inches. To preserve in winter, transplant in coldframe or light cellar.

	<i>Pkt.</i>	<i>Oz.</i>	<i>1/4 lb.</i>
Extra Curled. Standard sort .....	\$0 05	\$0 15	\$0 30
Extra Double Curled. Finest .....	5	15	30

## PEAS.

**CULTURE.**—For first early crop sow as early as the ground can be worked, and at intervals of two weeks for succession. Sow in single or double rows two inches deep, and from three to four feet apart, according to the height of variety and strength of soil, supporting tall varieties with brush. Do not sow after the end of May, as they will be attacked by mildew. Plant extra early varieties in August, and you will get a profitable crop by fall.

## EXTRA EARLY PEAS.

	<i>Qt.</i>	<i>Pk.</i>
Alaska. The earliest blue pea .....	\$0 25	\$1 50
Daniel O'Rourke Improved. One of the best .....	25	1 50
First and Best. Early and prolific .....	25	1 50

## EARLY AND MEDIUM.

	Qt.	Pk.
Advancer. Fine variety .....	\$0 25	\$1 50
Champion of England. A standard variety .....	25	1 50
Everbearing. Fine large pods .....	35	2 50
Heroine. Very productive, fine quality .....	50	3 00
McLean's Advancer. A standard variety .....	25	1 50
Yorkshire Hero. Very productive .....	25	1 50

## MAIN AND LATE CROP PEAS.

	Qt.	Pk.
Stratagem. Heavy cropper .....	\$0 30	\$2 00
Telegraph. Fine quality .....	30	2 00
Telephone. Large pods .....	30	2 00

## DWARF VARIETIES.

	Qt.	Pk.
American Wonder. The best dwarf .....	\$0 30	\$2 00
Excelsior.* One of the finest .....	50	4 00
McLean's Little Gem. Very early .....	25	1 75
Premium Gem. Well-filled pods; early .....	25	1 50

## PUMPKIN.

**CULTURE.**—Plant in late spring among corn; or, if grown alone, plant in hills ten feet apart each way, and treat like other vines.

	Pkt.	Oz.
Improved Cushaw. Striped .....	\$0 05	\$0 10
Large Cheese. One of the best .....	5	10
Mammoth Tours. Very large .....	5	10
Red Etampes. Fine for family use .....	5	15

## PEPPER.

**CULTURE.**—Sow in hotbeds in March; transplant in rows about the first of June, two feet apart and eighteen inches in rows.

	Pkt.	Oz.
Bullnose. Popular sort .....	\$0 20	\$0 50
Golden Queen. Very fine .....	20	50
Long Red Cayenne. Bright red .....	10	25
Ruby King. Large, red fruit .....	10	25
Red Chili. Small and pungent .....	10	30
Sweet Spanish. Mild and large .....	10	25
Sweet Mountain. Large; mild flavor .....	10	25

## RADISH.

**CULTURE.**—Sow in early spring, in rows a foot apart, and every week or ten days for a succession up to the middle of June, after which they are but little used unless a cool northern spot can be secured. Sow in early fall for late crops and winter use.

	Pkt.	Oz.	1/4 lb.
Olive-Shaped Deep Scarlet .....	\$0 10	\$0 15	\$0 30
Olive-Shaped French Breakfast .....	5	10	30
Turnip, Early French Deep Scarlet .....	5	10	25
Turnip, Early French Scarlet White Tipped .....	5	10	35
Turnip, Early Prussian Scarlet Globe .....	10	15	40
Winter Round Black Spanish .....	5	10	30

## SALSIFY, OR OYSTER PLANT.

**CULTURE.**—Sow in spring in drills eighteen inches apart and one inch deep; thin out to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

	Pkt.	Oz.	1/4 lb.
Long White French. Fine .....	\$0 05	\$0 10	\$0 30
Mammoth Sandwich Island. Large .....	5	15	50

## SWISS CHARD.

**CULTURE.**—Cultivate the same as spinach, sow early in the spring in drills about eighteen inches apart; as it grows, thin out for use. Good cultivation will greatly increase the tenderness of the leaves.

	Pkt.	Oz.	1/4 lb.
Swiss Chard. White .....	\$0 05	\$0 10	\$0 20
Yellow Cutting. Tender .....	5	10	20

## SPINACH.

**CULTURE.**—Sow in early spring in drills fifteen inches apart, and every two weeks for succession. For fall use sow in August, and for winter crop in September.

	Oz.	1/4 lb.
Lettuce-Leaved. Popular French variety .....	\$0 10	\$0 15
Long Standing. Round, thick-leaved .....	10	15
New Zealand Summer. Fine .....	10	30
Prickly. Vigorous and hardy .....	10	15
Round-Leaved. A standard sort .....	10	15
Round Viroflay. Large leaves .....	10	15

## SQUASH.

**CULTURE.**—Sow in hills in the same manner and time as cucumbers; the bush varieties four feet apart each way, and the running kinds six to nine feet apart.

	Pkt.	Oz.
Boston Marrow. Oval, very fine .....	\$0 05	\$0 10
Early Golden Bush. Fine for summer use .....	5	10
Early White Scallop Bush. Fine, early .....	5	10
Early Mammoth White Bush. Large .....	5	10
Ford Hook. Fine .....	5	10
Golden Custard. Extra .....	5	10
Giant Summer Crookneck. Very large .....	5	10
Hubbard. The best late variety .....	5	10
Perfect Gem. Fine quality; late .....	5	10
Summer Crookneck. Long green striped .....	5	10
Turban. Good flavor .....	5	10
Winter Crookneck. Good keeper .....	5	10

## TOMATO.

**CULTURE.**—Sow in hotbed in early spring. Transplant into the open ground as soon as all danger of frost is past, setting the plants three to four feet each way. Some support should be provided for the vines to keep the fruit from touching the ground; brush, hay, or anything of that sort will answer the purpose, or they may be tied to stakes.

	Pkt.	Oz.
Acme. Very good variety, smooth .....	\$0 10	\$0 25
Beauty (Livingston). Large and smooth .....	10	25
Dwarf Champion. Fine flavor .....	10	25
Favorite (Livingston). Very productive .....	10	25
Ignatium. Very prolific and early .....	10	25
Lorillard. For forcing .....	10	25
Mikado. Very large, smooth, solid .....	10	25
Ponderosa. Very large .....	10	1 00
Perfection (Livingston). Early and prolific .....	10	25
Red Cherry. Small, grows in bunches .....	15	40
Trophy. Large; standard late sort .....	10	25

## TURNIP.

**CULTURE.**—For early turnips, sow as soon as the ground can be worked in spring. For winter use, sow in August in drills eighteen inches apart, and thin out to six inches in the drill.

	Pkt.	Oz.	1/2 lb.
<b>Extra Early Milan.</b> The earliest.....	\$0 05	\$0 10	\$0 30
<b>Early Snowball.</b> Rapid grower.....	5	10	20
<b>Early Dutch.</b> White, early .....	5	10	20
<b>Purple-Top Munich.</b> Very early .....	5	10	30
<b>Red-Top Strap-Leaf.</b> The best .....	5	10	15
<b>Ruta Baga, or Swede Turnip</b> .....	5	10	20

## SEEDS OF POT, SWEET AND MEDICINAL HERBS.

Here are gathered together all the leading kinds of plants used either for seasoning or medicine. They are very useful, not only in summer, but also in winter, when they can be preserved in a dry state.

	Pkt.
<b>Anise</b> ( <i>Pimpinella Anisum</i> ) .....	\$0 05
<b>Basil, Dwarf, or Bush</b> ( <i>Ocimum Basilicum</i> ) .....	5
<b>Basil, Sweet</b> .....	5
<b>Borage</b> ( <i>Borago officinalis</i> ) .....	5
<b>Caraway</b> ( <i>Carum Carui</i> ) .....	5
<b>Catnip</b> ( <i>Nepeta Cataria</i> ) .....	10
<b>Coriander</b> ( <i>Coriandrum sativum</i> ) .....	5
<b>Dill</b> ( <i>Anethum graveolens</i> ) .....	5
<b>Fennel, Sweet</b> ( <i>Foeniculum vulgare</i> ) .....	5
<b>Lavender</b> ( <i>Lavendula Spica</i> ) .....	5
<b>Marigold, Pot</b> ( <i>Calendula officinalis</i> ) .....	5
<b>Marjoram, Pot</b> ( <i>Origanum vulgare</i> ) .....	10
<b>Marjoram, Sweet</b> ( <i>Majorana hortensis</i> ) .....	5
<b>Rosemary</b> ( <i>Rosmarinus officinalis</i> ) .....	10
<b>Rue</b> ( <i>Ruta graveolens</i> ) .....	5
<b>Sage, Common</b> ( <i>Salvia officinalis</i> ) .....	5
<b>Savory, Summer</b> ( <i>Satureja hortensis</i> ) .....	5
<b>Savory, Winter</b> ( <i>Satureja montana</i> ) .....	5
<b>Tarragon, Russian</b> ( <i>Artemisia Dracunculus</i> ) .....	5
<b>Thyme, Broad-Leaved English</b> .....	5
<b>Thyme, French</b> ( <i>Thymus vulgaris</i> ) .....	5
<b>Wormwood</b> ( <i>Artemisia Absinthium</i> ) .....	5
<b>Woodruff</b> ( <i>Asperula odorata</i> ) .....	10
<b>Collection of 6 best kinds, my selection, 25c.</b>	
<b>Collection of 12 best kinds, my selection, 50c.</b>	

## VEGETABLE ROOTS AND TUBERS.

	Per 1,000
<b>Asparagus Roots, Conover's Colossal.</b> Two years old.....	\$7 00
<b>Asparagus Roots, Palmetto.</b> Two years old.....	9 00
<b>Asparagus Roots, Barr's Mammoth.</b> Two years old.....	8 00
<b>Chive Plants.</b> Twenty-five cents per bunch.	

	Per doz.	Per 100
<b>Cinnamon Vine Roots.</b> Three to five in. long.....	\$0 75	\$5 00
<b>Horseradish Roots.</b> Cut in pieces .....	25	1 00
<b>Jerusalem Artichoke.</b> Twenty cents per qt.....		
<b>Mint Roots.</b> Fifteen cents each .....	1 50	

	Qt.	1/2 pk.	Pk.
<b>Onion Sets, Yellow</b> .....	\$0 25	\$0 80	\$1 25
<b>Onion Sets, White</b> .....	30	1 00	1 75
<b>Onion Sets, White Multiplier</b> .....	35	1 25	2 25
<b>Shallots</b> .....	35	1 25	2 00
<b>Garlic Sets, per lb., 30c.</b>			
<b>Rhubarb Roots, 10c. each; \$1.00 per doz.</b>			
<b>Sea-Kale Roots, \$1.00 per doz.</b>			
<b>Tarragon Plants, 30c. each; \$3 per doz.</b>			

## POTATOES.

	$\frac{1}{2}$ pk.	Bush.	Bbl.
<b>Beauty of Hebron.</b> Standard early variety.....	\$0 40	\$1 75	\$4 25
<b>Carman No. 3</b> .....	40	1 75	4 25
<b>Early Puritan.</b> Extra early .....	40	1 75	4 25
<b>Early Maine.</b> A good early sort.....	40	1 75	4 25
<b>Early Rose.</b> One of the best .....	40	1 75	4 25
<b>St. Patrick.</b> A good late sort .....	40	1 75	4 25
<b>White Elephant.</b> Extra productive .....	40	1 75	4 25

## GRASS AND CLOVER SEEDS.

We beg to draw the special attention of our patrons to the Universal Lawn Grass Seed Mixture, which is prepared to give the best results for fine lawns; also to the cheap Pasture Grass Mixture for meadows. We would also be happy to supply grass and clover seed separate, if desired.

### MANDA'S UNIVERSAL LAWN SEED MIXTURE.

This lawn grass mixture is composed entirely of the finest quality of fine-leaved dwarf-growing grasses, in such proportions as will enable it to withstand the extreme heat of our summers. The grasses which compose this mixture are extra well cleaned, so that all weeds are excluded, leaving nothing but the pure, clean seed.

We recommend four bushels to the acre. It is necessary to sow the seed very thickly to get the most pleasing result—that is a good lawn.

The best time to sow grass seed is in the spring or about the latter part of August. We prefer the spring. The success of establishing a good lawn depends much on the season and the condition of the ground at the time of sowing. A light raking in will protect the seeds greatly. Rolling, however, is at all times indispensable, and should any weeds appear, they should be eradicated.

### MANDA'S UNIVERSAL MIXTURE IS AS GOOD AS ANY AND BETTER THAN MANY.

	Qt.	Pk.	Bush.
<b>Manda's Universal Lawn Seed Mixture</b> .....	\$0 25	\$1 25	\$4 50
<b>Central Park Lawn Grass Mixture</b> .....	20	1 15	3 50
<b>Pasture Grass Mixture</b> .....	..	..	2 25
<b>Golf Link Mixture</b> .....	30	1 50	6 00

## GRASS AND CLOVER, ALSO CEREALS AND AGRICULTURAL SEEDS.

We keep a complete list of the finest varieties of these seeds, unequaled for purity and cleanliness.

Parties desiring large quantities would do well to get quotations from us before ordering elsewhere.

### PALM SEEDS.

Having to plant thousands of them ourselves every season, we are compelled to make large importations of these seeds yearly. They come from all quarters of the tropical world, such as New Zealand, Australia, the East and West Indies, South America, and Africa. Orders are booked beforehand, and will be filled in succession as the goods arrive. The seed is unexcelled as regards purity and germination.

### EVERGREEN AND DECIDUOUS TREE AND SHRUB SEEDS.

These are also imported from all parts of the world. Owing to the difficulty and great expense involved in securing these seeds, we will not offer quantities in less bulk than will cost 25 cents and upwards.

## FLOWER SEEDS.

Very extensive list of the choicest strains of Flower Seeds will be found arranged under the following headings: Specialties in Leading Florist Flowers; General Collection of Flower Seeds, embracing everything worth growing, either annual, hardy perennial, greenhouse plants, vines and climbers, ornamental fruit, everlasting, grasses, etc., arranged alphabetically.

### SPECIALTIES IN LEADING FLORIST FLOWERS.

This department consists and includes all of the most important classes of plants, with their great variety, such as are or should be grown by every one.

The collections of such as Asters, Pansies, Sweet Peas, Nasturtiums, Balsams, Stock, etc., are complete, embracing every distinct and choice variety in cultivation. Under each heading we have given a short description and cultural directions for the various classes, also color of the varieties.

### MANDA'S MIXTURE.

This Mixture is composed of the choicest named varieties grown, in suitable proportions, and must not be compared with the cheap and common mixture generally offered, which is composed of very few and inferior varieties.

When you want the finest assortment, be sure and order Manda's Mixture.

### STOCKS.

These well-known favorites need no description, as they are indispensable to all lovers of flowers.

Their beautiful flowers, borne on graceful spikes, combined with their lasting qualities, make them excellent for cutting purposes.

Sow, as early as possible, in frames or in the open ground. When large enough, plant in small pots, so as not to disturb the roots when transplanting.

	<i>Pkt.</i>
Cut and Come Again. Pure white.....	\$0 10
Large-Flowering Dwarf Ten-Week. In 10 finest colors.....	10
Large-Flowering Dwarf Ten-Week. Manda's finest mixed.....	10
Perpetual Dwarf Ten-Week. Choice mixed .....	10
Large-Flowering Pyramidal Ten-Week. Choice mixed.....	10
Giant Perfection Ten-Week. Choice mixed.....	10
Large-Flowering Wallflower-Leaved Ten-Week. Choice mixed...	10
East Lothian Autumnal. Finest mixed .....	15
Winter, or Biennial Brompton. Finest mixed.....	10
Wallflower, Double Tall Tree. Finest mixed .....	10
Wallflower, Double Dwarf Branching. Finest mixed.....	10
Wallflower, Single. Finest mixed .....	5
Manda's Mixture of the finest varieties, only.....	10

### ASTERS.

Without doubt, taking all in all, this is one of the finest annuals we have. Its great diversity in form and color, combined with its fine qualities as a cut flower, make it a universal favorite with every one. In color it runs in shades from pure white to the deepest red, and in form has as many changes, some varieties being incurved and reflex, while others have quilled and twisted petals. It is of easy culture; sow in early spring in frame or garden; transplant in rows about a foot apart each way.

	<i>Pkt.</i>
Dwarf Queen. Choice mixed .....	\$0 10
Dwarf Chrysanthemum. In 6 finest colors.....	10
Manda's finest mixed.....	10
Dwarf Victoria. In 4 finest colors.....	10
Manda's finest mixed.....	10
Dwarf Comet. In 5 finest colors.....	10
Manda's finest mixed.....	10

	<i>Pkt.</i>
<b>Quilled German.</b> In 6 finest colors .....	\$0 10
Manda's finest mixed.....	10
<b>Princess,</b> pure white or snowball. Extra fine .....	15
<b>Mignon,</b> pure white. Excellent for cutting .....	15
<b>Mignon,</b> Peach Blossom. Extra fine .....	15
<b>Mignon,</b> rose. Very fine .....	10
<b>Large Rose-flowered.</b> Choice mixed .....	10
<b>Victoria.</b> In 4 finest colors .....	10
Manda's finest mixed.....	10
<b>Victoria Needle (Hedgehog).</b> Choice mixed .....	10
<b>Truffaut's Peony-flowered Perfection.</b> In 6 best colors .....	10
Manda's finest mixed.....	10
<b>Betteridge's Quilled.</b> Choice mixed .....	5
<b>Crown,</b> or Cocardeau (white centre). Choice mixed .....	10
<b>Tall Chrysanthemum.</b> In 4 distinct colors.....	10
Manda's finest mixed.....	10
<b>Manda's Mixture,</b> comprising all the types.....	10
<b>Ordinary Mixture</b> of leading sorts .....	5

### LARKSPUR, ANNUAL.

This is a very useful plant, easily raised from seed sown either in frames in February or out of doors in April. The large spikes of various shades of colors are very useful for cutting purposes.

	<i>Pkt.</i>
<b>Dwarf German Rocket (Hyacinth-flowered).</b> Mixed .....	\$0 05
<b>Giant Hyacinth-flowered.</b> Choice mixed .....	5
<b>Tall German Rocket.</b> Choice mixed. Tall varieties .....	5
<b>Stock-flowered, Tall Branching.</b> Finest mixed.....	5
<b>Ranunculi-flowered.</b> Mixed. Choice double .....	5
<b>Dwarf Candelabrum-formed.</b> Finest mixed .....	10
<b>Emperor.</b> Splendid mixture. Fine strain .....	5
<b>Manda's Mixture</b> of the above varieties .....	5

### PERENNIAL LARKSPUR.

One of the finest class of hardy plants. Thrive well in any garden soil, and will flower in great profusion the second year after sowing. *D. formosum*, if sown early, will flower the first year. The color of the flowers, which are produced in long spikes, varies in different shades of blue.

	<i>Pkt.</i>
<b>Delphinium Brunonianum.</b> Blue, new musk-scented .....	\$0 25
<b>Delphinium Cashmerianum.</b> Monkshood-like flowers .....	10
<b>Delphinium elatum hybridum.</b> Finest mixture .....	5
<b>Delphinium formosum.</b> Dark blue, beautiful flowers .....	5
<b>Delphinium formosum coelestinum.</b> Sky-blue, splendid .....	10
<b>Delphinium Hendersoni.</b> Dark blue variety, very fine.....	5
<b>Delphinium hybr. fl. pl.</b> (Double finest mixed.) Extra.....	25

### PANSIES, SHOW.

Below you will find a list of the very finest of show pansies, of incomparable size, beauty and luxuriance, especially my finest mixture.

In this mixture we have spared no pains in securing the finest strains and mixing carefully, only using those which we knew would give the best results. For size, coloring and abundance of flowers, this strain has no equal. They do best in summer in a cool, moist situation. Highly recommended for indoor culture in the winter.

	<i>Pkt.</i>
<b>Manda's Finest Mixture,</b> extra selected strain .....	\$0 50
<b>Ordinary Mixture</b> of standard varieties .....	10
<b>Odier,</b> extra choice large blotched flowers .....	25
<b>Cassier,</b> very large flowered, fine .....	25
<b>Bugnot's</b> superb fine strain .....	50
<b>Superb Mixture</b> of the Odier, Cassier, and Bugnot's strains .....	25
<b>Trimardeau,</b> or Giant Pansies, enormous flowers, extra .....	25

## PANSIES, BEDDING.

These differ from the above in their flowers being smaller, but they are produced in greater profusion. They form bushy plants covered with bloom, and are better adapted for bedding, as the color of the flowers is mostly solid in this class, and they are therefore better able to stand the sun than the fancy forms of the show pansies.

	<i>Pkt.</i>
<b>Cliveden, purple</b> , excellent varieties for bedding .....	\$0 15
<b>Cliveden, white</b> , excellent varieties for bedding .....	15
<b>Cliveden, yellow</b> , excellent varieties for bedding .....	15
<b>Azure Blue</b> , choice extra fine .....	15
<b>King of the Blacks (Dr. Faust)</b> , very dark variety .....	15
<b>Black Blue (dark blue)</b> , fine strain .....	15
<b>Snow Queen (candidissima)</b> , delicate satiny white .....	15
<b>Light Blue</b> , sky-blue .....	15
<b>Lord Beaconsfield</b> , very effective .....	15
<b>Red Shades mixed</b> , extra fine .....	15
<b>Yellow</b> , fine, rich color for bedding .....	15
<b>Pure White</b> , good form and clear color .....	15
<b>Gold Margined</b> , splendid variety .....	15
<b>Silver Edged (Atropurpurea albomarginata)</b> , charming .....	25
<b>Violet margined with white</b> , extra fine .....	15
<b>Manda's Mixture of Bedding Pansies</b> , best varieties .....	15

## CYCLAMEN.

These are among the most beautiful winter and spring flowering plants for the greenhouse.

Not only are the flowers very beautiful, but the leaves are very ornamental. The flowers run in shades from pure white to dark red.

	<i>Pkt.</i>
<b>Persicum giganteum</b> , finest mixed .....	\$0 50
<b>Persicum giganteum album</b> . Pure white .....	50
<b>Persicum giganteum atrorubrum</b> . Dark red .....	50
<b>Persicum giganteum roseum superbum</b> . Extra fine .....	50
<b>Persicum giganteum sanguineum</b> . Darkest red .....	50
<b>Persicum giganteum</b> , Manda's choice mixture .....	50

## SWEET PEAS.

This is also a great favorite in the garden. The odor, the beautiful shading, and the abundance with which it produces its flowers, combined with usefulness as a cut flower, have made it a very popular plant.

It does well planted along the side of fences, or, in fact, any place where it can climb or twine over. For general culture, sow in spring, as early as the ground can be worked, in drills four inches deep; when large enough, hoe up a little soil to them, and brush the same as ordinary garden peas.

	<i>Pkt.</i>	<i>Oz.</i>
<b>Apple Blossom</b> . Bright pink and blush .....	\$0 05	\$0 15
<b>Blanche Ferry</b> . Pink and white, early .....	5	15
<b>Butterfly</b> . White and lilac .....	5	15
<b>Blushing Bride</b> . A new and splendid variety .....	5	15
<b>Boreatton</b> . Bronze-crimson and purple .....	5	15
<b>Captain of the Blues</b> . Bright purple and red .....	5	15
<b>Cardinal</b> . Crimson scarlet .....	5	15
<b>Duchess of Edinburgh</b> . Scarlet and rose .....	5	15
<b>Empress of India</b> . Rosy pink and white .....	5	15
<b>Emily Henderson</b> . Grand new white .....	5	15
<b>Her Majesty</b> . Beautiful soft rosy pink .....	5	15
<b>Indigo King</b> . Rich indigo black and blue .....	5	15
<b>Igneae</b> . A splendid new variety .....	5	15
<b>Iza Eckford</b> . Rosy pink and carmine .....	5	15
<b>Lemon Queen</b> . Blush pink and lemon .....	5	15
<b>Mrs. Eckford</b> . White shaded crimson .....	5	15
<b>Mrs. Sankey</b> . Pure white, large flower .....	5	15
<b>Mrs. Gladstone</b> . Pink, rosy blush wings .....	5	15

	<i>Pkt.</i>	<i>Oz.</i>
<b>Orange Prince.</b> Bright orange-pink .....	\$0 05	\$0 15
<b>Painted Lady.</b> Rose and white .....	5	15
<b>Primrose.</b> Pale primrose yellow, extra .....	5	15
<b>Princess of Wales.</b> White with indigo blue .....	5	15
<b>Princess Victoria.</b> Very beautiful variety .....	5	15
<b>Queen of England.</b> Pure white, charming .....	5	15
<b>Scarlet Invincible.</b> Very effective red .....	5	15
<b>Splendor.</b> Bright rose flushed crimson .....	5	15
<b>The Queen.</b> Pink, with mauve wings .....	5	15
<b>Choice Eckford Hybrids,</b> mixed, per lb. 75c.....	5	15
<b>Manda's Choice Mixture,</b> all colors .....	5	15

### AMARANTUS.

This is one of the finest plants we have for subtropical bedding or massing. Its gorgeous colored leaves and robust habit give it a striking appearance.

It does best in a sunny position, and wants a good, rich soil. Sow in early spring, and plant in small pots when transplanting; allow each plant about twelve inches, so that they may fully develop.

	<i>Pkt.</i>
<b>Amabilis tricolor.</b> Fine.....	\$0 15
<b>Caudatus (Love-lies-bleeding).</b> Red.....	5
<b>Cruentus (Prince's Feather).</b> Red.....	5
<b>Henderi.</b> Splendid.....	5
<b>Melancholicus ruber.</b> Blood-red leaves.....	5
<b>Salicifolius.</b> Highly decorative.....	10
<b>Tricolor (Joseph's Coat).....</b>	5
<b>Tricolor splendens (improved).</b> Splendid.....	10
<b>Manda's Choice Mixture</b> of the above varieties .....	5

### NASTURTIUM (TROPÆOLUM).

For covering rockwork and fences, or hanging from vases, baskets, or boxes, there is nothing can excel the tall growing nasturtium. The dwarf variety is greatly used for bedding and planting around shrubbery; they are of the easiest culture, and flower freely the whole season, while the best varieties may be brought into the greenhouse, where they will give a profusion of flowers all winter.

	<i>Pkt.</i>
<b>Canariense (Canary Flower),</b> fine .....	\$0 05
<b>Lobbianum.</b> In 6 best colors.....	5
Manda's finest mixed.....	5
<b>Majus.</b> In 5 best varieties.....	5
Manda's finest mixed.....	5
<b>Tom Thumb (nanum).</b> In 6 finest kinds.....	5
Manda's finest mixed.....	5
<b>Manda's Choice Mixture</b> of all above sorts .....	5

### CINERARIA.

One of the most beautiful spring flowering plants for greenhouse or conservatory decoration.

When well grown, the flowers measure about two inches across, and cover the plant with a mass of bloom. Sow in late summer, in a light composit. When large enough transplant in small pots, and shift as required. They do best when kept in a cool place, and will do well in a frame protected from the frost.

	<i>Pkt.</i>
<b>Hybrida Grandiflora.</b> Large-flowered. Choice mixed .....	\$0 50
<b>Hybrida Grandiflora Nana.</b> Dwarf. Fine strain .....	50
<b>Hybrida Plenissima.</b> Double. Choice mixed.....	1 00

**Manda's Choice Mixture** of the three strains..... 50

### BALSAMS (LADIES' SLIPPERS).

One of the showiest and most beautiful summer garden annuals. Forming bushy plants, profusely covered with large double flowers of brilliant colors. It succeeds well in almost any situation, but prefers rich soil.

Sow in frames or greenhouse in March, or in the open ground in May. When large enough, transplant, allowing each plant about one square foot for its development.

	<i>Pkt.</i>
<b>Double Rose Flowered.</b> In 6 distinct colors.....	\$0 10
Manda's fine mixture.....	10
<b>Double Spotted.</b> Fine mixture .....	10
<b>Improved Camellia Flowered.</b> Finest mixed .....	10
<b>Carnation, Striped.</b> Finest mixed .....	10
<b>Manda's Choicest Mixture</b> of the finest varieties .....	10
<b>Ordinary Mixture</b> .....	5

### PETUNIA.

Without doubt the grandest annual we have for massing or bedding. Its gorgeous colored flowers, which are borne in such great profusion, filling the air with a pleasant aroma, make it a great favorite with all lovers of flowers. Sow in the early spring, in frame or greenhouse, and when large enough transplant in boxes or pots, planting into the open ground about the middle of May. It delights in a rich soil and a warm, sunny exposure. The double varieties come only partly true from seed.

	<i>Pkt.</i>
<b>Hybrida.</b> Mixed very fine quality .....	\$0 05
<b>Hybrida.</b> Finest mixed first quality .....	10
<b>Hybrida.</b> In 6 distinct varieties .....	10
<b>Grandiflora, Single Large-Flowering.</b> Superb, mixed .....	25
<b>Grandiflora, Petunia Fringed.</b> Large-Flowering .....	25
<b>Double Lilliput (nana compacta multiflora fl. pl.)</b> .....	75
<b>Double Fringed Large-Flowered (grandifl. fimbriata fl. pl.)</b> .....	75
<b>Manda's Choicest Mixture</b> of the above varieties .....	20

### VERBENA.

Unrivaled in its dazzling brilliancy, the verbena is unsurpassed by no annual as a bedding plant.

From early summer until killed by frost it is literally ablaze with the most gorgeous colored flowers imaginable.

As a cut flower it is indispensable, and no garden should be without it. Of easy culture, it should be sown in open ground in May, and thin out so that each plant will have about a square foot for development.

Better results will be obtained if sown in a frame or greenhouse in early spring, and pricked off in pots or boxes before planting out. In the Southern States it takes the form of a perennial, coming up year after year of its own accord.

	<i>Pkt.</i>
<b>Citriodora (lemon verbena).</b> Fragrant .....	\$0 25
<b>Hybrida.</b> Good quality, mixed .....	5
<b>Hybrida.</b> Manda's extra choice mixture .....	10
<b>Hybrida.</b> First quality of elite varieties only. 6 colors .....	10

### PHLOX DRUMMONDI.

For beds and massing there is nothing can surpass this annual in beauty.

It produces large trusses of brilliant flowers of numberless shades and markings throughout the summer.

The extent to which it is grown proves that it is a great favorite among flower lovers.

	<i>Pkt.</i>
<b>Alba.</b> Pure white. In 10 distinct colors .....	\$0 10
<b>Manda's Choice Mixture</b> of the very best sorts .....	10
<b>Ordinary Mixture</b> .....	5

### PRIMULA (PRIMROSE).

One of the finest winter flowering greenhouse plants. The list below contains only the finest strains procured from the greatest specialist in Europe. Sow in early summer in shallow boxes or pans. When large enough, plant in small pots, and shift as required. They enjoy a rather cool position, and will do well in a frame protected from frost.

	<i>Pkt.</i>
<b>Chin. fimbriata.</b> In 3 colors.....	\$0 50
<b>Chin. fimbriata.</b> Manda's finest mixed.....	50
<b>Chin. fimbriata.</b> Manda's double best mixed.....	75
<b>Obconica.</b> Excellent for pots and bouquets.....	25
<b>Elatior (veris).</b> First quality large-flowered.....	10
<b>Elatior Duplex.</b> (Hose in Hose) Beautiful.....	10
<b>Elatior Gold-laced.</b> Charming varieties.....	10
<b>Vulgaris.</b> The true Yellow English Primrose.....	10

### MYOSOTIS (FORGET-ME-NOT).

This beautiful little plant is too well known to need any description. It does best in a cool, moist place, and can be used for spring bedding or winter flowering. The flowers when cut and placed in water will grow just as well as if on the plant.

	<i>Pkt.</i>
<b>Alpestris (Forget-Me-Not).</b> Blue .....	\$0 10
<b>Alpestris Alba.</b> Pure white .....	10
<b>Alpestris Robusta Grandiflora (Elisa Fonrobert).</b> Large flower- ing .....	15
<b>Alpestris Robusta Grandiflora Alba.</b> White .....	15

### MIGNONETTE (RESEDA ODORATA).

The mignonette is universally esteemed for its delicate perfume and singularly pretty spikes of bloom. It is without doubt one of the most popular annuals grown.

Sow in open ground early in spring, and thin out well, only leaving the strongest. This plant does not bear transplanting.

	<i>Pkt.</i>
<b>Odorata, good variety</b> .....	\$0 05
<b>Grandiflora, large-flowered, fine</b> .....	5
<b>Grandiflora, Crimson Queen, red-flowered</b> .....	5
<b>Grandiflora, Gigantea pyramidalis (Giant Pyramidal)</b> .....	5
<b>Grandiflora, Machet, excellent for pots; very fine</b> .....	10
<b>Grandiflora, Multiflora compacta, very good</b> .....	5
<b>Manda's Choice Mixture</b> .....	25

### POPPIES (PAPAVER).

This family comprises some of the finest gems to be found in the flower garden. The various gorgeous colored flowers are borne profusely, in early summer, on long, graceful stems, producing one of the grandest effects imaginable when planted in masses.

The annual varieties of this beautiful plant should be sown in the open ground in May. Great care must be taken when thinning out not to disturb the plants intended to remain. The herbaceous varieties should be sown in a coldframe, and pricked off in small pots, transplanting when the weather permits in the garden, where they are not likely to be disturbed. Both the Annual and Perennial varieties should not be transplanted after they reach flowering size.

### POPPIES, ANNUAL.

	<i>Pkt.</i>
<b>Danebrog.</b> Brilliant scarlet with silver gloss.....	\$0 05
<b>Glaucum.</b> The new Tulip Poppy, rich red.....	10
<b>Umbrosum.</b> Red, with black blotches.....	5
<b>Double Carnation.</b> Finest mixed.....	5
<b>Double Peony-flowered.</b> Finest mixed.....	5
<b>Double Dwarf Peony-flowered, mixed</b> .....	5
<b>Double Dwarf Carnation.</b> Finest mixed.....	5
<b>Cardinale (Cardinal Poppy).</b> New.....	5
<b>Dwarf Ranunculi-flowered.</b> Finest mixed.....	5
<b>Manda's Choice Mixture of Annual Varieties</b> .....	5

## POPIES, PERENNIAL.

	Pkt.
<b>Alpinum</b> .....	\$0 10
<b>Bracteatum.</b> Scarlet, fine color .....	5
<b>Involucratum maximum.</b> Scarlet .....	5
<b>Nudicaule (croceum).</b> Yellow, very fine .....	10
<b>Nudicaule fl. pleno.</b> New, very fine .....	10
<b>Nudicaule album.</b> White, splendid .....	10
<b>Nudicaule aurantiacum (miniatum).</b> Orange .....	10
<b>Orientale.</b> The darkest red, fine .....	10

## CANDYTUFT (IBERIS).

Flowering profusely during summer, and being suitable for beds, edgings and borders, give this a prominent position in the flower garden. It is also valuable for cutting.

	Pkt.
<b>Affinis.</b> White dwarf, extra fine .....	\$0 05
<b>Coronaria (hesperidiflora).</b> Rocket Candytuft .....	5
<b>Coronaria Empress.</b> Pure white candelabrum .....	5
<b>Umbellata albida.</b> Creamy white, fine .....	5
<b>Gibraltarica hybrida.</b> Very dwarf, extra fine .....	10
<b>Sempervirens.</b> White, very fine, hardy .....	10
<b>Manda's Finest Mixture</b> .....	10

## AQUILEGIA (COLUMBINE).

For spring and early summer decoration there is no plant among the hardy herbaceous varieties that makes such a display as the Columbine, with its profusion of large flowers, varying and combining all the colors imaginable. If sown in February, potted and planted in April, they will make a grand show the following year. They are well adapted for borders, rockwork or wild gardens.

	Pkt.
<b>In 12 best species and varieties</b> .....	\$0 10
<b>Manda's Choice Mixture</b> of above varieties .....	10

## PENTSTEMON.

Hardy herbaceous, of a highly ornamental character, graceful in habit, and remarkable for the abundance as well as individual beauty of their tubular blossoms.

	Pkt.
<b>We have 6 distinct kinds</b> .....	\$0 10

## CAMPANULA (HAREBELL).

Some of the most beautiful plants we have when in bloom. They are of a very robust habit, forming pyramids of bloom. The flowers, of beautiful shades, are about three inches in length.

They last in perfection for weeks during the early summer. A fine border plant; with the exception of C. Medium, or Canterbury Bells, they are all hardy perennials.

	Pkt.
<b>Medium (Canterbury Bells).</b> Single blue .....	\$0 05
<b>Medium flore pleno.</b> Double blue .....	10
<b>Medium alba.</b> Single. Pure white .....	5
<b>Medium alba fl. pleno.</b> Double. Pure white .....	10
<b>Medium striata.</b> Striped. Very fine .....	5
<b>Medium calycanthema blue.</b> Very fine varieties .....	10
<b>Medium calycanthema alba.</b> Very fine varieties .....	10
<b>Medium calycanthema rosea (Benary).</b> New .....	10
<b>Manda's Choice Mixture of Canterbury Bells.</b> Fine .....	5
<b>Persicifolia.</b> Blue. Tall .....	10
<b>Pyramidalis.</b> Blue. Most beautiful sorts .....	5
<b>Pyramidalis alba.</b> White. Most beautiful sorts .....	10
<b>Fine Mixture of the above</b> .....	5

## FOXGLOVE (DIGITALIS).

An old favorite that should be in every garden. It grows 2 to 4 feet high, bearing large spikes of richly colored flowers in June and July. It does best in rich, warm soil, and although a perennial, it is best to raise new stock every second year, which is easily done by sowing the seeds early and transplanting same when the spring opens.

	Pkt.
<b>Canariensis.</b> Yellow .....	\$0 15
<b>Grandiflora.</b> Yellow dwarf, fine .....	5
<b>Maculata superba (Ivory spotted)</b> .....	5
<b>Monstrosa.</b> Splendid mixed, beautiful .....	5
<b>Manda's Choice Mixture</b> of above varieties .....	5

## SCHIZANTHUS.

Popular garden annuals, flowers beautifully fringed and delicately colored. They grow from one to two feet high, and are of easy culture, succeeding well in sunny location and well-drained soil.

	Pkt.
<b>In 4 finest kinds</b> .....	\$0 05

## TAGETES (DOUBLE MARIGOLD).

One of the most popular garden flowers, doing well in almost any situation, and being very effective planted in groups or for massing. The plants grow bushy and are covered with flowers all summer. They have been greatly improved lately in size and doubleness. Sow in March in frames or greenhouse; transplant to open ground in May, about fifteen inches apart.

## AFRICAN MARIGOLD.

	Pkt.
<b>In 6 finest varieties</b> .....	\$0 05
<b>Manda's Choice Mixed</b> .....	05

## FRENCH MARIGOLD.

	Pkt.
<b>In 6 finest varieties</b> .....	\$0 05

## IPOMŒA (MOON VINES).

Very rapid-growing summer climbers. Among our prettiest for covering fences, trellises, arbors or anything that they can cling to.

They delight in a warm, sunny situation, and under these conditions will grow luxuriantly. Sow in the open ground as soon as all danger of frost is past, or earlier indoors, and plant out in May.

	Pkt.
<b>Bona Nox.</b> Large blue flowers .....	\$0 05
<b>Grandiflora Alba.</b> (Mexicana.) .....	10
<b>Hederacea Grandiflora Superba.</b> Sky-blue .....	15
<b>Purpurea (Convolvulus Major).</b> Mixed .....	5
<b>Quamoclit (Cypress Vine).</b> Scarlet .....	5
<b>Quamoclit Alba.</b> Pure white .....	5
<b>Manda's Finest Mixed</b> , all sorts .....	5

## DIANTHUS (PINKS).

Highly valued for their great beauty and the fragrance of their flowers, which embrace the most brilliant and rich variety of colors.

They make splendid bushy plants, which are indispensable for beds and borders.

As they are very free flowering and one of the best garden flowers for cutting, no one should be without them. They also make very beautiful pot plants. Sow early in frames or greenhouse, and plant out in May.

	Pkt.
<b>Barbatus fl. pl.</b> Double mixed. Extra fine .....	\$0 10
<b>Barbatus fl. pl. Albus.</b> New white .....	10
<b>Barbatus Dunnettii fl. pl.</b> Fine variety .....	10
<b>Barbatus Nanus Compactus fl. pl.</b> New .....	10
<b>Barbatus Oculatus Marginatus.</b> (Hunt's Perfection) .....	10
<b>Barbatus Oculatus Marginatus fl. pl.</b> Fine .....	10
<b>Chinensis fl. pl.</b> Finest double mixed .....	10
<b>Chinensis Albus fl. pl.</b> Double white .....	10
<b>Hedgewigi</b> (mixed). The finest annual.....	10
<b>Hedgewigi Hybridus fl. pl.</b> Choice mixed .....	10
<b>Hedgewigi Hybridus Albus fl. pl.</b> Double white .....	10
<b>Hedgewigi Hybridus Diadematus fl. pl.</b> (Diadem Pink) .....	10
<b>Hedgewigi Laciniatus fl. pl.</b> Finest double .....	10
<b>Imperialis fl. pl.</b> (Double Imperial Pink.) Fine .....	10
<b>Imperialis Albus fl. pl.</b> Double white .....	10
<b>Imperialis Nanus Albus fl. pl.</b> Dwarf white .....	10
<b>Pluñarius fl. pl.</b> .....	10
<b>Manda's Finest Mixed</b> , all sorts .....	10

### GOMPHRENA (EVERLASTING).

Another pretty summer garden annual, of a vigorous habit. The various colored flowers are produced in great profusion all summer, until killed by frost. Sow in spring, and transplant as soon as the weather permits, twelve to fifteen inches apart. Like all Everlastings, the flowers can be preserved a long time after being cut.

	Pkt.
<b>In 5 distinct colors</b> .....	\$0 05
<b>Manda's Choice Mixture</b> of the above .....	5

### XERANTHEMUM (EVERLASTINGS).

A showy annual of the easiest culture. The various colored flowers, which have a peculiar dry character, may be cut and preserved for a long time. Sow early indoors, and transplant out in May.

	Pkt.
<b>Annum plenissimum</b> , in 5 colors .....	\$0 05
<b>Manda's Mixed</b> , all colors .....	5

### CALENDULA (MARIGOLD).

A dwarf-growing bushy annual, blooming continuously and abundantly all summer until killed by frost. Sow in March, and, when large enough, plant in boxes or pots, and as soon as the weather is favorable, into the open ground, about fifteen inches apart. They are indispensable for the summer garden or for pot culture during winter.

	Pkt.
<b>Officinalis fl. pl. grandiflora.</b> New, beautiful .....	\$0 05
<b>Officinalis fl. pl. grandiflora sulphurea.</b> New, very fine .....	5
<b>Officinalis fl. pl. Meteor.</b> Striped, light orange .....	5
<b>Officinalis fl. pl. Prince of Orange.</b> Extra fine.....	5
<b>Manda's Mixed</b> , all varieties .....	5

### CALLIOPSIS (COREOPSIS).

This beautiful class of showy summer blooming plants, with large bright flowers borne in great profusion all summer long, are worthy of a place in every garden.

They are elegant for massing, and fine for cutting. Sow in open ground in May, and, when large enough, thin out, so that they will have plenty of room for development; or sow indoors, and plant out after all danger of frost is past.

	Pkt.
<b>In 6 finest varieties</b> .....	\$0 05
<b>Manda's Mixture</b> , all colors .....	5

## GODETIA.

Very attractive and handsome annuals, of a dwarf, compact habit. A great peculiarity of the many-colored flowers is that they glisten in the sunlight like satin. Sow in the open ground in May, thin out, and transplant about ten inches apart.

	Pkt.
In 6 finest sorts .....	\$0 05
Manda's Choice Mixture of the above .....	5

## ZINNIA.

One of the most striking garden annuals, producing a perfect mass of flowers until killed by frost.

There is no plant which has such a diversity in the gorgeous shadings of its flowers.

As a cut flower its long stems and good keeping qualities make it very desirable.

Sow in frames or greenhouse in March, or in the open ground in May. When large enough, transplant to about twelve or fifteen inches each way.

	Pkt.
Elegans single, pure white. Choice mixed .....	\$0 05
Elegans fl. pl. Tall Double. In 8 finest varieties .....	5
Elegans fl. pl. Manda's finest mixed .....	5
Elegans fl. pl. Double Pompon (Darwini fl. pl.) .....	5
Elegans fl. pl. grandiflora robusta plenissima, Giant .....	5
Elegans fl. pl. Lilliput flowered, choice mixed .....	10
Elegans fl. pl. striata, striped (Zebra Zinnia) .....	10
Dwarf Double finest mixed .....	5
Tom Thumb double mixed, excellent .....	10
Manda's Choice Mixture of the finest varieties only .....	5

## CALCEOLARIA.

Beautiful plants for greenhouse and conservatory decoration.

The curious pocket-shaped flowers are borne in the greatest profusion during the spring and summer. They vary greatly in color; some are self-colored, while others are beautifully spotted and blotched. Sow in late summer, in shallow pans; transplant in thumb pots, and shift as required. They like a cool situation, and will do well in a frame protected from frost.

	Pkt.
Grandiflora. Large-flowered. Fine strain .....	\$0 50
Grandiflora Pumila Compacta. Dwarf. Self-colored .....	50
Grandiflora Tigrina. Tigered or Spotted. Choice mixed .....	75
Grandiflora Tigrina Pumila Compacta. Dwarf .....	75
Grandiflora Striata. New. Striped. Extra fine .....	50
Manda's Choice Mixture of the above .....	50

## GERMAN COLLECTIONS OF FLOWER SEEDS.

They contain the very finest strain of seed, grown and put up for us by the several specialists of Europe, each packet sealed and distinctly marked.

We would especially recommend our patrons who wish to have a variety to procure these, as they will then have, at a reasonable price, all the different colors, which they would not have in the mixed seed.

Collections of 6 varieties .....	\$0 35
Collections of 12 varieties of all the leading Annual Flowers ....	65

# GENERAL COLLECTION OF FLOWER SEEDS.

The following comprises a complete list of the seeds that are worth cultivating for the various purposes, and includes Annuals, Hardy Perennials, Tender Greenhouse Plants, Vines, Everlastings, Grasses, Foliage or Flowering Plants. Reference may be made to the foregoing pages where such leading kinds as Asters, etc., are described at length.

	<i>Pkt.</i>
<b>Abutilon.</b> Choice mixed .....	\$0 25
<b>Acacia armata.</b> Yellow flowering, greenhouse plant .....	10
<b>Acacia dealbata.</b> Beautiful green foliage .....	5
<b>Acacia lophanta.</b> Good for tropical beds .....	5
<b>Aconitum Napelius (Monk's Hood).</b> Blue flowers .....	10
<b>Aconitum Lycocotonum.</b> Yellowish white, handsome .....	5
<b>Acroclinium roseum.</b> Beautiful, everlasting .....	5
<b>Acroclinium roseum fl. albo.</b> White flowering .....	5
<b>Acroclinium roseum fl. pleno.</b> Double flowered .....	5
<b>Acroclinium roseum fl. pleno album.</b> Double white .....	5
<b>Adlumia cirrhosa.</b> Beautiful climber, fernlike foliage .....	5
<b>Ageratum Mexicanum.</b> Blue .....	5
<b>Ageratum Mexicanum Album.</b> Pure white .....	5
<b>Ageratum Mexicanum, Little Dorrit.</b> Blue; for bedding .....	5
<b>Ageratum Mexicanum, Little Dorrit.</b> White, new .....	5
<b>Agrostemma coronaria (Rose Campion).</b> Red flowers .....	5
<b>Althea rosea.</b> Single mixed .....	10
<b>Althea rosea.</b> Double white .....	10
<b>Althea rosea.</b> Double rose .....	10
<b>Althea rosea.</b> Double salmon .....	10
<b>Althea rosea.</b> Double scarlet .....	10
<b>Althea rosea.</b> Double yellow .....	10
<b>Althea—Manda's Finest Mixture</b> .....	10
<b>Alyssum Argenteum.</b> Evergreen perennial, yellow .....	5
<b>Alyssum Benthami maritimum (Sweet Alyssum).</b> White .....	5
<b>Alyssum Benthami compactum erectum.</b> Dwarf variety .....	5
<b>Alyssum Saxatile.</b> Yellow flowered, perennial .....	5
<b>Alyssum Saxatile compactum.</b> Good for edging .....	5
<b>Amarantus</b> .....	5
<b>Antirrhinum (Snapdragon) major.</b> Tall, mixed .....	5
<b>Antirrhinum (Tom Thumb).</b> Dwarf varieties, choice .....	5
<b>Aquilegia</b> .....	10
<b>Arabis Alpina.</b> White, flowering dwarf, perennial .....	10
<b>Aralia Sieboldi.</b> Splendid room plant .....	10
<b>Armeria cephalotes.</b> Rose, a beautiful variety .....	5
<b>Armeria maritima splendens (Lauchean).</b> fine dark .....	5
<b>Asclepias Curassavica</b> .....	5
<b>Asperula Odorata (Woodroof).</b> White, sweet scented .....	5
<b>Asters</b> .....	10
<b>Balsams</b> .....	5
<b>Baptisia Australis.</b> Light blue, handsome perennial .....	5
<b>Begonia.</b> Single tuberous rooted .....	25
<b>Begonia.</b> Double tuberous rooted .....	50
<b>Begonia Semperflorens</b> .....	25
<b>Begonia Semperflorens Vernon</b> .....	25
<b>Begonia Rex.</b> Ornamental leaved plant .....	25
<b>Bellis perennis fl. pl.</b> Choice mixed .....	25
<b>Bellis perennis alba fl. pl.</b> Double white flowers .....	15
<b>Browallia elata.</b> Blue, handsome, annual .....	5
<b>Browallia elata alba.</b> Pure white, very fine .....	10
<b>Calandrinia umbellata.</b> Crimson flowered, perennial .....	5
<b>Calceolaria.</b> Greenhouse plant .....	50
<b>Calendula (Marigold).</b> Annual .....	5
<b>Calliopsis (Coreopsis).</b> Annual .....	5
<b>Campanula, Canterbury Bell.</b> Perennial .....	5
<b>Canna.</b> Choice hybrid varieties only .....	25
<b>Canna.</b> Madame Crozy .....	10
<b>Candytuft.</b> ~ Showy dwarf plants .....	5

	Pkt.
<b>Capsicum annum</b> , Little Gem. Market plant .....	\$0.05
<b>Carnations</b> . Tree, or perpetual double flowered .....	25
<b>Carnations</b> . Grenadine, single red .....	10
<b>Carnations</b> . Grenadine, single red .....	25
<b>Carnations</b> . Early dwarf Vienna .....	10
<b>Carnations</b> . Dwarf perpetual .....	50
<b>Carnations</b> . Margaret, white .....	25
<b>Carnations</b> . Margaret, choice mixed .....	10
<b>Celosia cristata nana</b> (Cockscomb). Finest mixed.....	10
<b>Celosia cristata nana</b> Empress (Giant Maxima). Purple.....	10
<b>Celosia cristata nana</b> Glasgow Prize (President Thiers).....	15
<b>Celosia Huttoni</b> . Dark leaves, very ornamental .....	10
<b>Celosia pyramidalis plumosa</b> . Crimson improved .....	5
<b>Celosia pyramidalis plumosa</b> , Triomphe de l'Exposition (Thompsoni) .....	10
<b>Centaurea argentea vera</b> (Candidissima ragusina).....	10
<b>Centaurea Babylonica</b> . Dark yellow, very fine .....	5
<b>Centaurea Cyanus</b> (Corn Flower) .....	5
<b>Centaurea Cyanus</b> fl. pleno. Semi-double variety .....	5
<b>Centaurea Cyanus</b> (Victoria). Miniature flowers, new .....	10
<b>Centaurea Moschata</b> . Extra choice mixed .....	5
<b>Centaurea suaveolens</b> (Sweet Sultan). Yellow flowers .....	5
<b>Chelone barbata</b> Torreyi. Dark red, very fine perennial .....	5
<b>Chrysanthemum carinatum</b> (Tricolor) album, white .....	5
<b>Chrysanthemum carinatum atrococcineum</b> (The Sultan) .....	5
<b>Chrysanthemum carinatum Burridgeanum</b> .....	5
<b>Chrysanthemum carinatum</b> (Eclipse). Brown and yellow .....	5
<b>Chrysanthemum carinatum</b> (Golden Feather). With yellow leaves .....	5
<b>Chrysanthemum coronarium</b> fl. pleno. Double yellow .....	5
<b>Chrysanthemum coronarium</b> album fl. pleno. White .....	5
<b>Chrysanthemum indicum</b> . Choicest varieties only .....	25
<b>Cineraria maritima</b> (Candidissima). White-leaved .....	5
<b>Cineraria hybrida</b> . Greenhouse plants .....	50
<b>Clarkia elegans</b> . Fine mixed, double and single .....	5
<b>Clarkia pulchella</b> . Fine mixed, very fine .....	5
<b>Cobaea scandens</b> . A very fine climber .....	10
<b>Cobaea scandens</b> fl. albo. White flowers, very fine .....	10
<b>Coleus</b> hybrids. Finest mixture .....	25
<b>Convolvulus tricolor</b> (Minor), (Morning Glory) .....	5
<b>Convolvulus tricolor</b> albus. Pure white, fine .....	5
<b>Convolvulus tricolor</b> albus fl. pl. Double white, fine .....	5
<b>Convolvulus tricolor</b> azureus fl. pleno. Double blue .....	5
<b>Convolvulus tricolor</b> kermesinus violaceus. Crimson .....	5
<b>Convolvulus tricolor</b> striped (variegatus). New fine .....	5
<b>Crucianella stylosa purpurea</b> . Trailing perennial .....	5
<b>Cyclamen</b> . Showy Greenhouse Plants .....	50
<b>Dahlia</b> . Double large-flowered, best quality, mixed .....	15
<b>Dahlia</b> . Single varieties, splendid, mixed .....	10
<b>Dahlia</b> . Single Tom Thumb, new dwarf, splendid .....	15
<b>Datura</b> <i>Cornucopia</i> . Very showy plant .....	10
<b>Dianthus</b> .....	10
<b>Digitalis</b> . See Foxglove. Hardy Plants .....	5
<b>Dolichos Lablab</b> (Hyacinth Bean). Purple flowers .....	5
<b>Erysimum pulchellum</b> . Yellow, perennial dwarf .....	5
<b>Eschscholtzia</b> <i>Californica</i> . Yellow flowered .....	5
<b>Eschscholtzia</b> <i>Californica</i> alba. Pure white .....	5
<b>Eschscholtzia</b> <i>Californica</i> carminea. Rose cardinal .....	5
<b>Eschscholtzia</b> <i>crocea</i> . Orange yellow flowers, fine.....	5
<b>Eschscholtzia</b> <i>crocea</i> fl. pleno. Double orange .....	5
<b>Eschscholtzia</b> <i>Mandarin</i> . New, deep orange, splendid .....	5
<b>Festuca glauca</b> . Ornamental grass for borders .....	10
<b>Four O'clock</b> . See <i>Mirabilis</i> .....	
<b>Fuchsia</b> <i>hybrida</i> . Single, choice, mixed .....	25
<b>Fuchsia</b> <i>hybrida</i> . Double, choice, mixed .....	25
<b>Gaillardia</b> <i>grandiflora</i> . Very handsome, perennial .....	5
<b>Gaillardia</b> <i>grandiflora maxima</i> . Yellow, extra fine .....	10

	Pkt.
<i>Gaillardia picta</i> . Red and yellow, beautiful, annual .....	\$0 05
<i>Gaillardia picta, Lorenziana</i> . Double, fine for cutting .....	5
<i>Galega officinalis</i> (Goat's Rue). Blue perennial .....	5
<i>Galega officinalis alba</i> . White, very ornamental .....	5
<i>Gaura Lindheimeri</i> . White, flowers all summer .....	5
<i>Geum coccineum atrosanguineum fl. pleno</i> . Scarlet .....	10
<i>Gladiolus</i> . American hybrids, splendid varieties .....	10
<i>Gladiolus Lemoinei</i> . Extra fine choice mixed .....	10
<i>Gloxinia grandiflora crassifolia</i> . Choice mixed .....	25
<i>Gnaphalium Leontopodium</i> (Edelweiss). Interesting .....	10
<i>Godetia</i> . Showy annual .....	5
<i>Golden Feather (Pyrethrum parthenifolium aureum)</i> .....	5
<i>Gossypium herbaceum</i> (Cotton) .....	5
<i>Grevillea robusta</i> . A very good market plant .....	10
<i>Gypsophila acutifolia</i> . Perennial rose flowers .....	5
<i>Gypsophila paniculata</i> . White, excellent for bouquets .....	5
<i>Gypsophila paniculata compacta</i> . Semi-dwarf, fine .....	5
<i>Hedysarum coronarium</i> (French Honeysuckle). Red .....	5
<i>Hedysarum coronarium album</i> . White-flowered, fine .....	5
<i>Helianthus annuus</i> (Russian Giant). Single flowers .....	5
<i>Helianthus annuus</i> (Henry Wilde). Very tall, single .....	5
<i>Helianthus annuus</i> (Primrose-colored), sulphur yellow .....	5
<i>Helianthus argyrophyllus</i> . A very ornamental plant .....	5
<i>Helianthus californicus fl. pleno</i> . Double flowers, fine .....	5
<i>Helianthus globosus fistulosus fl. pl.</i> Very large .....	5
<i>Helianthus mollis grandiflorus</i> . Perennial, very fine .....	10
<i>Heliotropium</i> . Extra choice mixed .....	10
<i>Hesperis matronalis</i> . Purple, very beautiful strain .....	5
<i>Hesperis matronalis alba</i> (Sweet Rocket). White .....	5
<i>Heuchera sanguinea</i> . Crimson, excellent for cutting .....	15
<i>Humulus japonicus</i> fol. varieg. Beautiful climber .....	10
<i>Iberis</i> . See Candytuft .....	5
<i>Ice Plant (Mesembryanthemum crystallinum)</i> .....	5
<i>Impatiens Sultani</i> hybrida. Choice greenhouse plant .....	15
<i>Ipomoea</i> . Morning Glory .....	5
<i>Ipomopsis elegans</i> (picta). Red flowered, fine .....	5
<i>Iris Kaempferi</i> . Extra choice mixed varieties .....	10
<i>Lantana hybrida</i> . Finest mixed .....	5
<i>Lathyrus latifolius</i> (Everlasting Pea). Red flowered .....	5
<i>Lathyrus latifolius albus</i> . White, beautiful variety .....	10
<i>Lathyrus odoratus</i> . See Sweet Peas .....	5
<i>Lasiagrostis argentea</i> . Grass with silvery panicles .....	5
<i>Linaria bipartita</i> . Fine mixed .....	5
<i>Linaria Cymbalaria</i> (Kenilworth Ivy). Beautiful .....	10
<i>Linaria reticulata aureo-purpurea</i> . Yellow and purple .....	5
<i>Linum campanulatum grandifl.</i> Yellow perennial .....	10
<i>Linum flavum</i> . Yellow flowers, fine hardy plant .....	5
<i>Linum grandiflorum rubrum</i> (Verum). Scarlet, large .....	5
<i>Linum Lewisi</i> . Blue flowers, very handsome, hardy .....	5
<i>Linum perenne</i> (Perennial Flax). Blue, very fine .....	5
<i>Linum perenne album</i> . Pure white .....	5
<i>Lobelia Cardinalis</i> (Scarlet). Splendid. Perennial .....	20
<i>Lobelia Cardinalis</i> hybrida. Perennial hybrids, choice .....	20
<i>Lobelia Erinus</i> . Crystal Palace ( <i>speciosa</i> ). Dark blue .....	10
<i>Lobelia Erinus erecta</i> . Crystal Palace ( <i>compacta</i> ). For carpet beds .....	10
<i>Lunaria biennis (annua)</i> . (Honesty.) Garden plant .....	5
<i>Lunaria biennis alba</i> . Pure white, very fine .....	5
<i>Lunaria biennis variegata</i> . Green and white leaves .....	5
<i>Lupinus polyphyllus</i> . Perennial, finest mixed .....	5
<i>Lupinus polyphyllus albus</i> . Pure white flowers .....	5
<i>Lupinus polyphyllus atrocoeruleus</i> . Sky blue .....	5
<i>Lupinus polyphyllus atropurpureus</i> . Very fine .....	5
<i>Lupinus</i> . Annual. Sorts mixed .....	5
<i>Lychnis chalcedonica</i> . Scarlet, fine, perennial .....	5
<i>Lychnis chalcedonica alba</i> . Pure white variety .....	10

	<i>Pkt.</i>
<i>Lychnis Haageana atrosanguinea.</i> Fine .....	\$0 10
<i>Lychnis Haageana hybrida.</i> Choice mixed varieties .....	10
<i>Lychnis Viscaria splendens (coccinea).</i> Early perennial .....	5
<i>Malope grandiflora alba.</i> Large flowered, white .....	5
<i>Malope grandiflora purpurea.</i> Handsome .....	5
<i>Malva Crispa.</i> Curled, tall, very fine .....	5
<i>Malva moschata.</i> Rose, sweet scented, fine variety .....	5
<i>Malva moschata alba.</i> Pure white flowers, fine .....	10
<i>Martynia formosa annua (Craniolaria fragrans)</i> .....	5
<i>Martynia lutea.</i> Yellow flowers .....	5
<i>Martynia proboscidea.</i> Reddish white flowers, fine .....	5
<i>Matricaria capensis fl. pleno</i> (Feverfew). White .....	5
<i>Matricaria eximia fl. pleno.</i> Double, pure white .....	5
<i>Matricaria eximia grandifl fl. pl.</i> (Tom Thumb) .....	5
<i>Maurandia albiflora.</i> Pure white, beautiful climber .....	10
<i>Maurandia Barclayana.</i> Blue flowered, handsome .....	10
<i>Maurandia Semperflorens.</i> Reddish blue, very fine .....	10
<i>Melica altissima atropurpurea.</i> Very fine grass .....	5
<i>Mesembryanthemum crystallinum.</i> See Ice Plant.	
<i>Mesembryanthemum tricolor.</i> Bright annual .....	5
<i>Mimosa pudica</i> (sensitive and very interesting plant) .....	5
<i>Mimulus cardinalis grandifl.</i> (Perfection). Dark red .....	10
<i>Mimulus moschatus</i> (Musk Plant). Sweet scented .....	10
<i>Mimulus moschatus compactus.</i> Very fine for pots .....	10
<i>Mimulus tigrinus grandiflorus.</i> Most beautiful varieties .....	10
<i>Mirabilis Jalapa.</i> Four O'clock.....oz. 30c.	5
<i>Mirabilis longiflora.</i> White, sweet scented .....	5
<i>Monarda hybrida.</i> Very fine mixed .....	5
<i>Montbretia crocosmiaeflora.</i> Choice varieties, mixed .....	10
<i>Musa Ensete.</i> The dwarf banana plant .....	10
<i>Myosotis</i> (Forget-me-not) .....	5
<i>Nemesia compacta alba.</i> White flowered .....	5
<i>Nemesia compacta bicolor.</i> Blue and white .....	5
<i>Nemesia floribunda.</i> White .....	5
<i>Nemesia versicolor.</i> Blue, lilac and white .....	5
<i>Nicotiana colossea.</i> Quick growing, effective plant .....	15
<i>Nicotiana affinis.</i> White, sweet scented .....	5
<i>Nigella damascena fl. pl.</i> Blue (Devil-in-a-Bush) .....	5
<i>Nigella damascena alba fl. pl.</i> Double, white variety .....	5
<i>Nigella hispanica</i> (Love in a Mist). Blue flowered .....	5
<i>Nigella hispanica alba.</i> White, very fine .....	5
<i>Oenothera acaulis (taraxacifolia alba).</i> Large white .....	10
<i>Oenothera biennis</i> (Evening Primrose). Yellow .....	5
<i>Oenothera Drummondi.</i> Light yellow, very handsome .....	5
<i>Oenothera Fraseri.</i> Large flowered, yellow, perennial .....	5
<i>Oenothera Macrantha.</i> Golden yellow, perennial .....	5
<i>Oenothera Missouriensis (macrocarpa).</i> Perennial .....	5
<i>Orobus niger.</i> Dark violet flowers, pretty, perennial .....	5
<i>Pansy.</i> Choice strain .....	10
<i>Papaver.</i> Showy plant .....	5
<i>Pardanthus chinensis.</i> Blackberry Lily, hardy .....	5
<i>Palargonium odoratissimum</i> (apple scented) .....	15
<i>Palargonium.</i> Scarlet, double ( <i>Zonale</i> fl. pl.). Dark .....	5
<i>Pentstemon.</i> Hardy perennials .....	10
<i>Perilla nankinensis foliis atropurpureis laciniatis.</i> Dark .....	5
<i>Petunia.</i> Showy annuals .....	10
<i>Phlox Drummondi.</i> Showy annuals .....	5
<i>Platycodon Mariesi</i> (Wahlenbergia). Dark blue .....	10
<i>Polemonium coeruleum</i> (Jacob's Ladder). Blue, hardy .....	5
<i>Polemonium coeruleum fl. albo.</i> White flowered .....	5
<i>Portulaca grandiflora.</i> All sorts, choice mixed .....	5
<i>Portulaca grandiflora fl. pleno.</i> Double sorts, finest .....	15
<i>Portulaca grandiflora fl. pleno.</i> Double sorts, fine .....	10
<i>Potentilla.</i> Double choice mixed. Fine perennials .....	10
<i>Primula.</i> Greenhouse and hardy .....	10

	<i>Pkt.</i>
<i>Pyrethrum atrosanguineum.</i> Very fine perennial .....	\$0 05
<i>Pyrethrum roseum hybridum.</i> Single choice mixed .....	10
<i>Pyrethrum roseum hybridum fl. pl.</i> Double mixed .....	20
<i>Pyrethrum parthenifolium aureum</i> (Golden Feather) .....	5
<i>Pyrethrum parthenifolium aureum</i> (Golden Gem) .....	5
<i>Pyrethrum parthenifolium aureum selaginoides</i> .....	10
<i>Reseda odorata.</i> See Mignonette .....	5
<i>Rhodanthe maculata.</i> Beautiful, everlasting .....	5
<i>Rhodanthe Manglesi</i> rose, extra fine strain .....	5
<i>Ricinus Africanus</i> (Castor Oil). For tropical beds .....	5
<i>Ricinus borboniensis arboreus.</i> Very high growing .....	5
<i>Ricinus Cambodgensis.</i> Very dark-leaved, extra fine .....	5
<i>Ricinus Gibsoni</i> (Duchess of Edinburgh). Fine variety .....	5
<i>Ricinus Sanguineus</i> (Obermanni) .....	5
<i>Salpiglossis variabilis grandifl.</i> Showy annual .....	5
<i>Salpiglossis variabilis nana.</i> Dwarf. Fine mixed .....	5
<i>Salvia argentea.</i> Silver-white, very fine .....	5
<i>Salvia coccinea nana compacta.</i> Dwarf plant .....	5
<i>Salvia coccinea lactea.</i> White-flowered form .....	5
<i>Salvia patens.</i> Sky-blue, very handsome flowers .....	10
<i>Salvia splendens.</i> Scarlet, splendid for bedding .....	10
<i>Sanvitalia procumbens.</i> Golden, single flowers .....	5
<i>Sanvitalia procumbens fl. pleno.</i> Double, very fine .....	5
<i>Saponaria multiflora</i> (calabrica). Red-flowered .....	5
<i>Saponaria ocymoides splendens.</i> Perennial .....	5
<i>Scabiosa.</i> White .....	5
<i>Scabiosa.</i> Flesh color .....	5
<i>Scabiosa.</i> Rose .....	5
<i>Scabiosa.</i> Dark red .....	5
<i>Scabiosa.</i> Lilac .....	5
<i>Scabiosa.</i> Crimson .....	5
<i>Scabiosa.</i> Striped .....	5
<i>Scabiosa.</i> Azure-blue .....	5
<i>Scabiosa.</i> Purple .....	5
<i>Scabiosa caucasica.</i> Lilac, splendid perennial, rare .....	10
<i>Sensitive Plant</i> ( <i>Mimosa pudica</i> ). Interesting plant .....	5
<i>Silene armeria.</i> Choice mixed .....	5
<i>Silene orientalis compacta.</i> Red-flowered, perennial .....	5
<i>Silene saxatilis.</i> Pure white, very pretty .....	10
<i>Solanum Hendersoni.</i> Orange-scarlet berries .....	5
<i>Solanum Lobeli.</i> Red fruit, very pretty .....	5
<i>Solanum robustum.</i> Very beautiful variety .....	10
<i>Solanum Warscewiczoides.</i> Handsome foliage .....	10
<i>Statice altaica.</i> Blue, very fine .....	5
<i>Statice incana nana.</i> Fine mixed .....	5
<i>Statice latifolia.</i> Blue, fine for bouquets .....	5
<i>Statice speciosa.</i> Reddish flowers, fine .....	5
<i>Statice tatarica.</i> White, the best for drying .....	5
<i>Stipa pennata</i> (Feather Grass). Fine for bouquets .....	5
<i>Streptocarpus</i> , Veitch's new hybrids, very pretty .....	20
<i>Streptocarpus Wendlandi.</i> Large-leaved, fine .....	10
<i>Sunflower.</i> See <i>Helianthus</i> .....	5
<i>Sweet Peas.</i> Annuals .....	5
<i>Sweet William.</i> See <i>Dianthus barbatus</i> .....	5
<i>Tagetes.</i> See Marigold .....	5
<i>Thea viridis</i> (Tea-Plant). Very interesting .....	10
<i>Thunbergia alata.</i> Buff-colored, ornamental climber .....	5
<i>Thunbergia alta alba.</i> Pure white, climber .....	5
<i>Thunbergia alta aurantiaca.</i> Orange, climber .....	5
<i>Thunbergia Bakeri</i> (unicolor). White .....	5
<i>Thunbergia intus alba.</i> Pale yellow .....	5
<i>Torenia Fournieri</i> (Edentula). Blue, fine for pots .....	25
<i>Torenia Fournieri grandiflora.</i> New, very fine variety .....	25
<i>Torenia Fournieri alba</i> (White Wings). White .....	25
<i>Torenia Bailloni.</i> Golden yellow, deep, red throat .....	25
<i>Trachymene coerulea</i> ( <i>Hugelia Didiscus</i> ). Annual .....	5
<i>Trachymene coerulea fl. alba.</i> White flowered, fine .....	5

	<i>Pkt.</i>
<b>Tropaeolum.</b> See <i>Nasturtium</i> .....	\$0 05
<b>Verbascum olympicum.</b> Very decorative plant .....	5
<b>Verbascum pannosum.</b> Yellow, about 5 feet high .....	10
<b>Verbascum phoeniceum hybrids.</b> Choice mixed .....	5
<b>Verbena.</b> Bedding plants .....	10
<b>Vinca rosea.</b> Very fine market plant .....	5
<b>Vinca rosea alba.</b> White, with rose centre .....	5
<b>Viola lutea.</b> A good old variety, very fine .....	5
<b>Viola lutea grandiflora (splendens).</b> Large flowered .....	5
<b>Viola odorata semperflorens (Sweet Violet).</b> Blue .....	10
<b>Viola tricolor maxima.</b> See <i>Pansies</i> .....	10
<b>Wahlenbergia (Platycodon) grandiflora.</b> Fine, perennial .....	5
<b>Wahlenbergia grandiflora duplex.</b> Double flowered .....	10
<b>Wahlenbergia grandiflora alba.</b> Large white flowers .....	5
<b>Wahlenbergia grandiflora alba duplex.</b> Double pretty .....	10
<b>Xeranthemum.</b> Everlastings .....	5
<b>Zinnia.</b> Showy annuals .....	5



CYCLAMEN PERSICUM GIGANTEUM.

## FRUITS.

We have taken great care in selecting the varieties in this list, offering only such varieties as we know to be the very best, fine in quality, and prolific. Also plants that will stand the extreme changes in temperature which we have in this climate.

### APPLES.

The list below contains only such varieties as have been thoroughly tested, and which possess real merit. They do well planted on any good ground, and with little care give very satisfactory results.

	Each.	Doz.
<b>Baldwin.</b> Winter variety, large red.....	\$0 50	\$5 00
<b>Fall Pippin.</b> Very large, rich yellow.....	25	2 50
<b>Fallwater.</b> Large and juicy.....	25	2 50
<b>Gravenstein.</b> Pale yellow, striped with red.....	25	2 50
<b>Golden Russet.</b> Fine flavored, late.....	25	2 50
<b>Maiden's Blush.</b> Large, yellow, blush cheek.....	25	2 50
<b>Monmouth Pippin.</b> Good keeper, juicy, late.....	25	2 50
<b>Newton Pippin.</b> American apple, late.....	50	5 00
<b>Northern Spy.</b> Large, good keeper, late.....	25	2 50
<b>Red Astrachan.</b> Large, red, crisp.....	25	2 50
<b>Rhode Island Greening.</b> Light green.....	25	2 50
<b>Sweet Bough.</b> Fine early variety.....	25	2 50
<b>Transcendent.</b> The finest Crab.....	25	2 50

### PEARS.

Pears can be grown in almost any good soil, with little care. They generally give very satisfactory results.

	Each.	Doz.
<b>Bartlett.</b> Fine and juicy, summer variety.....	\$0 50	\$5 00
<b>Beurre d'Anjou.</b> Large and fine.....	50	5 00
<b>Beurre Clairgeau.</b> Fine summer .....	50	5 00
<b>Clapp's Favorite.</b> Pale yellow, early sort.....	50	5 00
<b>Flemish Beauty.</b> Very productive, extra.....	50	5 00
<b>Kieffer.</b> Large yellow, with russet dots.....	50	5 00
<b>Seckel.</b> High flavored, rich and juicy, late.....	50	5 00
<b>Wilder.</b> Good, vigorous kind.....	50	5 00

### CHERRIES.

The best results will be obtained by planting on moderately rich, light loam or sandy soil.

	Each.	Doz.
<b>Black Tartarian.</b> Purplish black, one of the finest.....	\$0 50	\$5 00
<b>Montmorency.</b> Large and late, very productive.....	50	5 00
<b>Napoleon.</b> Large white, red cheek, excellent flavor.....	50	5 00
<b>Windsor.</b> Fine and productive.....	50	5 00

### APRICOTS.

Plant on a northern exposure, so that the buds may not start so early as to be injured by late frost. Prune moderately every spring. Heavy soil is preferable.

	Each.	Doz.
<b>All the best varieties.</b> .....	\$0 50	\$5 00

### NECTARINES.

A smooth-skinned fruit, resembling the peach. Plant in light soil, and prune the young growths thoroughly every year.

	Each.	Doz.
<b>All the best varieties.</b> .....	\$0 50	\$5 00

## QUINCES.

They require a deep, rich soil. Should be manured with thoroughly rotted manure. A little coarse salt or lime sprinkled around the trees is beneficial in keeping away insects.

	Each.	Doz.
<b>Apple or Orange.</b> Large, yellow, productive.....	\$0 50	\$5 00
<b>Champion.</b> Pear-shaped, late, keeper.....	50	5 00

## PLUMS.

They do best planted in a rich, heavy loam, well drained. Care must be taken, as the fruit forms, to keep from the attacks of the curculio.

	Each.	Doz.
<b>Bradshaw.</b> A fine sort.....	\$0 50	\$5 00
<b>Burbank.</b> Extra juicy .....	50	5 00
<b>Coe's Golden Drop.</b> Large yellow, late.....	50	5 00
<b>Imperial Gage.</b> Pale green, juicy and rich.....	50	5 00
<b>Yellow Gage.</b> Excellent for preserving.....	50	5 00

## PEACHES.

Plant in light, rich soil. The ground should be kept free from grass or weeds. An occasional top dressing of wood ashes or slaked lime will be advantageous.

	Each.	Doz.
<b>Alexander.</b> Large, early and fine flavored.....	\$0 25	\$2 50
<b>Crawford's Early.</b> Fine yellow fleshed sort.....	25	2 50
<b>Crawford's Late.</b> One of the best varieties.....	25	2 50
<b>Early York.</b> The best of its season, large.....	25	2 50
<b>Morris' White.</b> A heavy and regular bearer.....	25	2 50
<b>Mountain Rose.</b> One of the best, early.....	25	2 50
<b>Stump the World.</b> Large and productive.....	25	2 50

## GRAPES.

Grapes will flourish and bear abundantly in almost any good, dry soil, especially if the vines are trained on trellises.

	Each.	Doz.
<b>Brighton.</b> Vigorous and hardy, very rich.....	\$0 25	\$2 50
<b>Catawba.</b> Late keeper, musky flavor.....	20	2 00
<b>Delaware.</b> Small light red, juicy and sweet.....	25	2 50
<b>Duchess.</b> Greenish white, compact bunch.....	25	2 50
<b>Diana.</b> Pale red, fine late variety.....	25	2 50
<b>Green Mountain.</b> Large white grape.....	50	5 00
<b>Moore's Diamond.</b> Early, greenish white.....	50	4 00
<b>Moore's Early.</b> Best early, berry black.....	30	3 00
<b>Niagara.</b> A hardy grower, greenish white.....	25	2 50
<b>Pocklington.</b> Golden yellow, very large.....	25	2 50
<b>Salem.</b> Large, reddish brown, very sweet.....	25	2 50
<b>Wilder.</b> Bunch and berry large, black.....	25	2 50
<b>Worden.</b> Hardy, fine flavor, black.....	25	2 50

## FOREIGN GRAPES.

For growing under glass, in hot or cold vineries. One-year-old plants, \$2.50 each. Strong two-year-old vines at \$3.50 to \$5.00.

**Alicante.** Black, very large bunch of fine quality, late.

**Barbarossa.** Very large and late, black.

**Black Frontignan.** Bunches long, flavor rich, black.

**Black Hamburg.** A general favorite, large bunches, black.

**Champion Hamburg.** Splendid, like Black Hamburg.

**Golden Chasselas.** A large, handsome white grape.

**Golden Champion.** A superb white grape, berries large.

**Golden Hamburg.** Bunches large, berries juicy and sweet.

**Gros Colman.** Very vigorous, berries black and juicy.

**Lady Downes.** One of the best late black grapes.

**Muscat of Alexandria.** The finest white grape.

**Red Chasselas.** A small, early, red grape, excellent.

**Royal Muscadine.** One of the finest white sorts, sweet.

## CURRENTS.

Plant in good soil and keep well worked and manured. There are very few fruits that will so thoroughly repay as this for good and proper treatment.

	Doz.	100.
<b>Black Naples.</b> Vigorous and productive.....	\$1 00	\$6 00
<b>Cherry.</b> Deep red, fruit large and acid.....	1 00	6 00
<b>Fay's Prolific.</b> Very prolific, extra large red.....	2 50	10 00
<b>Red Dutch.</b> Large bunches, red berries.....	1 00	6 00
<b>Versaillaise.</b> Berries large, bright crimson.....	1 00	6 00
<b>White Grape.</b> The best white variety.....	1 00	6 00

## BLACKBERRIES.

Plant in good soil in rows five feet apart, and plants three or four feet apart in the row. Soon after fruiting season, or early spring, cut out all the dead wood. A good top dressing of stable manure applied annually will be conducive to large crops. Keep the ground well worked and clean.

	Doz.	100.
<b>Early Harvest.</b> One of the earliest varieties.....	\$0 50	\$3 00
<b>Erie.</b> Hardy and of good quality.....	75	3 00
<b>Kittatinny.</b> Late, very productive, sweet.....	50	3 00
<b>Snyder.</b> Medium sized berries, fine quality.....	50	3 00
<b>Wilson, Jr.</b> The largest and best variety.....	50	3 00

## GOOSEBERRIES.

They do best planted in good, rich ground, kept well worked, and free from grass and weeds. Cut out the old wood as soon as it begins to decline, and shorten all the young shoots to keep the bushes in shape.

	Each.	Doz.
<b>Industry.</b> Free from mildew, very prolific.....	\$0 25	\$2 50
<b>Smith's Improved.</b> Good, reliable variety.....	25	2 50

## RASPBERRIES.

Plant in rows about five feet apart and three feet between the plants. They like good, rich soil, with plenty of manure worked into it annually. Immediately after the fruiting season, or early in the spring, cut out the old wood which bore the last crop of fruit.

	Doz.	100.
<b>Brandywine.</b> Large bright red, hardy.....	\$0 50	\$3 00
<b>Cuthbert.</b> Excellent variety, productive.....	50	3 00
<b>Golden Queen.</b> A new yellow variety.....	75	3 00
<b>Gregg (Black Cap).</b> Productive, large fine.....	50	3 00
<b>Marlboro.</b> Very hardy, vigorous.....	50	3 00
<b>Souhegan, or Tyler Cap.</b> Productive .....	50	3 00
<b>Turner.</b> Very productive variety .....	50	3 00

## STRAWBERRIES.

Ready in August and September. Pot plants, \$3.50 per 100.  
See Bulb Catalogue.

Special prices given on large quantities.

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**Trained fruit trees and fruit trees for pot culture or any other special purpose. Prices given on application.**

## THE FIRST NATIONAL FLOWER SHOW

Held at Chicago, November, 1908, gave the horticultural world a good opportunity to test their superiority of culture or extent of their collection. Well, we were there with the result that we carried away sixty-five premiums, mostly firsts, all the medals for new plants and also all the sweepstake prizes offered to the exhibitor taking the largest number of prizes, either as to number or value, and we had to ship our plants 1,000 miles in the middle of November to do it. See what the Horticultural Press says:

### HORTICULTURE.

The exhibits of W. A. Manda were the wonder of the show. His new fern *Polypodium Mandaianum*, not yet in commerce, won the gold medal, and as a climax to all his prizes takes the diamond pin for winning the greatest number of premiums.—Horticulture, Nov. 14.

### AMERICAN FLORIST.

In palms, ferns and other large plants, W. A. Manda, South Orange, N. J., practically swept the board of all the principal prizes. Some of his larger specimens were immense yet in perfect health, and they did yeoman service in rounding out the fine appearance of the hall as a whole. Notable were the giant kentias. *K. Forsteriana* and *K. Belmoreana* especially. The plants were large, healthy specimens and bore no traces of having been brought one thousand miles or so. All of Mr. Manda's exhibits were, in fact, notable for their freshness. In the classes for a collection of palms not over fifteen varieties, he showed neat, well finished specimens of *Phoenix Rœbelenii*, large, clean and finely grown; *Latania aurea*, a fine well grown specimen; nice healthy *Areca sapida* and a grand specimen of *A. Verschaffelti*, *Pritchardia macrocarpa*, *Rhapis humilis*, *Chamærops humilis* and *Cocos australis*, we also noted in fine shape. This noted exhibitor also had *Polypodium Mandaianum*, a new fern, in fine condition. This was raised by Mr. Manda as a seedling and is a grand fern, quite one of the surprises of the show. The large, deeply pinnated fronds give this newcomer almost the appearance of a *todea*. His orchids included a most interesting lot of cut cypripediums and we noted *C. insigne Coulsoni*, a form very much like the Harefield Hall variety. Fine forms of the beautiful *C. Fairreanum*, recently introduced, well colored *C. Sanderae* and a pretty hybrid, called *C. Aschates*. This latter has evidently *insigne* blood in it as well as that of *C. Boxallii* and is a most interesting secondary hybrid.

The splendid exhibits of plants and blooms is most highly to be commended and don't wait until the men are dead before you tell it. W. A. Manda's exhibit especially may be mentioned as something uncommon in extent and this comes from the little State of sand, rock and mosquitoes called New Jersey, but great men are there.—American Florist, November 19, 1908.

### FLORISTS' REVIEW. *Splendid Decorative Plants.*

The quality of the decorative plants was especially noteworthy. It hardly would be possible to find finer specimens anywhere in the United States than were gathered together for this show. To W. A. Manda special mention is due, because of the quality, number and size of his exhibits. The only regret was that it seemed difficult to provide each one with space to show its perfect development. He had a number of palms which stood fifteen to twenty feet high and scores of large plants in tubs, specimens weighing many hundreds of pounds each. To transport them to Chicago he engaged a special express car at South Orange, N. J., and filled it with stock without wrapping. One of his special groups was of *Dracæna Mandaiana*. He also made an exhibit of landscape plans, which was the subject of much study by those interested in the matter.—Florists' Review, November 12, 1908.

## VENI VIDI VICI.

The following is the result of one exhibition, and shows the awards and premiums we won at

## THE FIRST NATIONAL FLOWER SHOW, Chicago, Nov., 1908.

Grand Gold Medal.....	Polypodium Mandaianum.
Silver Gilt Medal.....	Dracæna Mandaiana.
Silver Cup.....	Best flowering plant.
Silver Medal.....	Collection of water colors and Plans.
Silver Medal.....	Best Collection Cut Orchids.
Silver Medal.....	Kentia Mandaiana.
Silver Medal.....	Dracæna Black Beauty Improved.
Silver Medal.....	Polypodium Mandaianum.
Bronze Medal.....	Manda's Golden Privet.
Bronze Medal.....	Collection Economic plants.
Certificate of Merit.....	Dracæna Mandaiana.
Certificate of Merit.....	Anthurium Cuttingianum.
Certificate of Merit.....	Yucca Menandii.
First prize.....	Best 1 Palm.
First prize.....	Best 5 Palms, 5 varieties.
Third prize.....	Best Group arranged for effect.
First prize.....	Best collection of Palms.
First prize.....	Best 1 Foliage Plant never before exhibited.
First prize.....	Best 1 Foliage Plant not yet in commerce.
First prize.....	Best 1 Cycas.
First prize.....	Best 5 Crotons, 5 narrow leaf varieties.
First prize.....	Best 5 Crotons, 5 broad leaf varieties.
First prize.....	Best 1 Dracæna.
First prize.....	Best 1 English Holly.
Second prize.....	Best 1 Conifer in tub.
First prize.....	Best 3 Conifers in tub; 3 varieties.
First prize.....	Best 1 Rhododendron.
First prize.....	Best 1 Azalea Amoena.
First prize.....	Best 1 Aucuba.
First prize.....	Best 1 Euonymus.
First prize.....	Best 1 Ficus.
First prize.....	Best 1 Aspidistra.
First prize.....	Best 1 any other succulent.
First prize.....	Best 1 Nepenthes.
First prize.....	Best 1 Musa.
First prize.....	Best 5 Fancy Caladiums.
First prize.....	Best group Stove and Greenhouse Plants.
First prize.....	Best 1 Fern.
First prize.....	Best 6 Cibotium Schiedei.
First prize.....	Best 1 Tree Fern.
First prize.....	Best 1 New Fern.
First prize.....	Best Collection of Ferns.
Second prize.....	Best 1 Adiantum.
Second prize.....	Best 1 Stag Horn Fern.
First prize.....	Best 1 Cypripedium Insigne in bloom.
First prize.....	Best collection of Cypripediums.
Second prize.....	Best collection in bloom other than Cypripediums.
Second prize.....	Best 1 Cypripedium in bloom.
Third prize.....	Best 1 Cattleya Labiata in bloom.
Third prize.....	Best 1 Cattleya.
Third prize.....	Best 1 Oncidium Rogersii in bloom.
Third prize.....	Best 1 Oncidium.
Third prize.....	Best 1 Orchid.
First prize.....	Best collection cut Orchids.
First prize.....	Best collection cut Cypripediums.
First prize.....	Best 1 plant Anthurium flowering variety.
First prize.....	Best 1 hanging basket flowering plants.
First prize.....	Best 1 hanging foliage plants.
First prize.....	Best 1 plant in bloom.
Second prize.....	Best 1 grafted specimen plant.
Second prize.....	Best 1 plant Gardenia.
Second prize.....	Best 1 plant Erica.
Sweepstake for largest number of prizes for pot plants taken, value.....	\$250.00
Sweepstake for greatest number of prizes taken.....	25.00
Guarantor's Final Sweepstake for largest amount of prizes taken in all classes.....	250.00

## MANDA'S NEW ROUND ORCHID BASKETS.

The illustration shows how even a small Orchid plant thrives in this style of basket. The roots, although coming over the sides, cling closely and turn in again, showing that this basket comes nearer the natural conditions than the square ones, where the roots hang down. This basket is made of best oak wood and copper wire.



Paris Green, per pound.....  
All Insecticides. All Fertilizers.

### FLOWER POTS AND SEED PANS, STANDARD MAKE, AT POTTERY PRICES.

### SHEEP MANURE.

Pure and unadulterated, direct from the sheep ranches. This should not be compared with the refuse from the abattoirs which many houses offer, and contains all sorts of inferior matter. Price, put up in barrels, \$1.75 per hundred pounds; \$35 per ton.

### PURE COARSE BONE.

The only safe bone to buy; \$2.25 per 100 lbs; \$35.00 per ton.

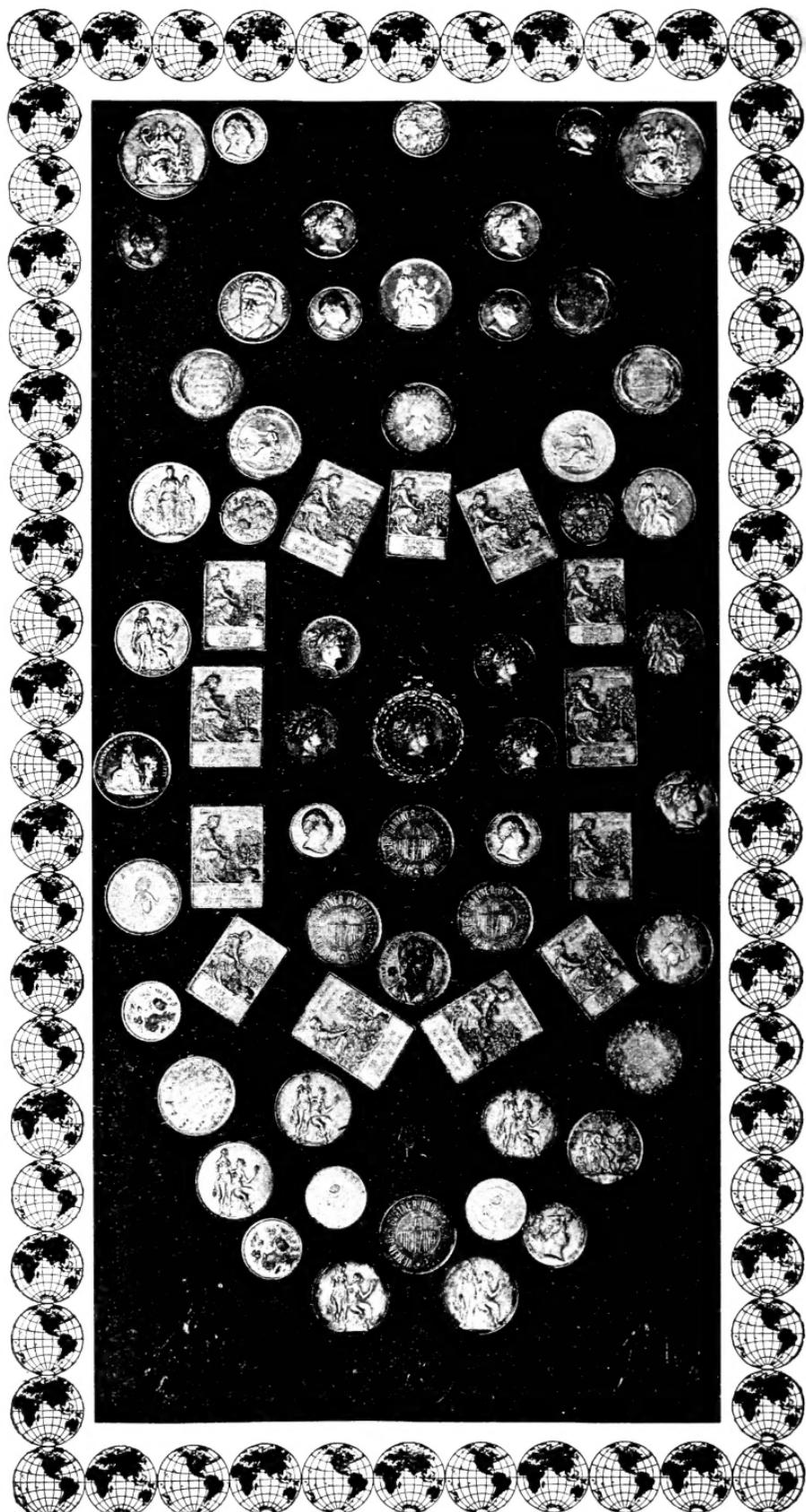
All Garden Tools and Requisites at Market Prices.  
All Horticultural Books and Papers at Publishers' Prices.

	Doz.
4 inch.....	\$1 65
5 " .....	2 00
6 " .....	2 25
7 " .....	3 00
8 " .....	3 50
10 " .....	4 50
12 " .....	5 00

	Per Bbl.
Fibrous Peat, picked.....	\$4 50
Fibrous Peat, as collected... Sphagnum Moss, picked .....	2 75
Sphagnum Moss, as collected...	4 50
Fir Tree Oil, per pint .....	1 50
Nicotine, per bot- tle.....	2 00
Wilson Oil, per gallon.....	1 00
Tobacco Dust, per pound....	0 5
Tobacco Stems, per barrel....	1 00
Slug Shot, per pound.....	15
	35

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Few of the many Medals won at Exhibitions, besides over 500 Diplomas and Money Prizes.